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Fisheries and Oceans Canada

Pêches et Océans Canada

Pacific Region 200-401 Burrard Street Vancouver, BC V6C 3S4

Région du Pacique Pièce 200 – 401 rue Burrard Vancouver, (C.-B.)

March 26, 2018

PATH No: 18-HPAC-00061

City of Prince George Engineering Services 3990 18<sup>th</sup> Ave Prince George, British Columbia V2N 4R8

Dear Sir/Madam,

Subject: Willow Cale Forest Service Road temporary culvert installation, Haggith Creek.

On March 20, 2018 Fisheries and Oceans Canada – Fisheries Protection Program (DFO - FPP) participated on a conference call with representatives from the City of Prince George Engineering Services, as well as supporting contractors, to discuss the status of the Willow Cale Forest Service Road bridge and temporary culvert installation on Haggith Creek.

During the conference call DFO shared the following information:

- The temporary culvert installation resulted in the loss of instream habitat (culvert footprint) and is blocking upstream access to important rearing habitat used by juvenile Chinook salmon, rainbow trout, as well as other fish species;
- This work was carried out without authorization from DFO and as such is in non-compliance with the *Fisheries Act*;
- As the party responsible for the works you have a duty, consistent with public safety, to remedy the adverse effects that resulted from this work;
- The remedy preferred by DFO-FPP is the replacement of the temporary culvert currently in place with a structure designed to allow the re-establishment of a natural stream channel, and allow for fish passage;
- DFO is willing to provide input into your remedial plans.

During the conference call you shared the following information:

- The original Willow Cale Forest Service Road culvert on Haggith Creek was installed in the 1950's. The culvert was installed such that it acted as a total barrier to upstream fish passage;
- In 2011 an inspection determined that the culvert was in very poor condition and as such a bridge was proposed as a replacement;



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- On March 30 2017 the newly constructed bridge across Haggith Creek was completed, however the original culvert was left in place until July of 2017.
- On August 4 of 2017 issues with the new the bridge abutments were identified and by September of 2017 a temporary culvert and backfill had been installed in order to mitigate the instability issues;
- Between late July and early September a newly constructed stream channel segment was in place under the Haggith Creek Bridge.

To assist us in better understanding the effects on fish and fish habitat resulting from the installation of the temporary culvert and your options to remedy those effects, we ask that you provide the following additional information:

- An assessment detailing the net impact on fish and fish habitat caused by the installation of the temporary culvert, including fish passage considerations. This assessment should be based on a comparison between the site conditions at the time the original culvert was in place (pre-bridge) and the current condition at the site (temporary culvert in place);
- Confirmation, in writing, from a qualified professional that the removal of thetemporary culvert and subsequent replacement with a structure designed to provide a natural stream bed as well as accommodate fish passage, could not be completed consistent with public safety;
- A remedial plan, prepared by a qualified environmental professional, which includes:
  - o Alternative measures to restore fish passage;
  - o An implementation schedule;
  - o A monitoring plan to ensure fish passage has been established.

If you have any questions, please contact Nathan Ferguson by email at <a href="mailto:nathan.ferguso@dfo-mpo.gc.ca">nathan.ferguso@dfo-mpo.gc.ca</a> or by telephone at 250-756-7242.

Yours sincerely,

Jeska Gagnon Senior Biologist

Fisheries Protection Program

cc: Phillip Taylor, DFO- C&P Fishery Officer Nathan Ferguson, DFO- FPP Biologist



Pêches et Océans

Fisheries & Oceans Canada Pacific Region Conservation and Protection PO Box 1160 1751 10<sup>th</sup> Ave Southwest Salmon Arm, BC V1E 4P3

April 23, 2018

Attn: FORTIS BC 3100 West Kootenay Road South Slocan, BC V0G 2G1 Attn: Columbia Power Corporation Suite 200, 445 13<sup>th</sup> Ave Castlegar, BC V1N 1G1

Attn: Columbia Basin Trust Suite 300, 445 13<sup>th</sup> Ave Castlegar, BC VIN 1G1

Attention: Fortis BC / Columbia Power Corporation / Columbia Basin Trust

#### Subject: 2015 Sturgeon Mortalities at Brilliant Dam Facility (BRD)

Fisheries and Oceans Canada – Conservation and Protection has reasonable grounds to believe that non-compliance with the Fisheries Act and the Species at Risk Act occurred between March of 2011 and November of 2015. The Kootenay River contains fish that are part of a commercial, recreational or Aboriginal fishery, or support such a fishery and in addition the Kootenay River contains White Sturgeon, an aquatic species at risk listed as endangered under Schedule 1 of the Species at Risk Act Canada, and associated habitat.

#### **Back Ground / Impact**

The Brilliant Dam facility is currently co-owned by the Columbia Power Corporation and the Columbia Basin Trust. According to the Columbia Power Corporations web page Columbia Power, "manages all improvement projects on behalf of the owners and continues to manage the operations of this facility and oversees all maintenance - working together with their contractor FortisBC. FortisBC manages, operates and maintains under a management agreement with Columbia Power Corporation.

The portion of the Kootenay River on the downstream side of the BRD Dam site has been listed as Critical White Sturgeon Habitat. According to FORTIS BC



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documents BRD is a high risk facility due to high concentrations of White Sturgeon in the tailrace areas. FORTIS BC also considers draft tubes as White Sturgeon habitat.

During 2015 four White Sturgeon Mortalities occurred at the Brilliant Dam Facility, three of the sturgeon were recovered.

August 11, 2015 a portion of a White Sturgeon was recovered from Brilliant Dam spillway #1. According to a Golder report the sturgeon had major trauma with only 33% of the carcass remaining in a very decomposed state. Both head and tail sections of the sturgeon were missing (August 11, 2015 White Sturgeon Carcass Recovery and Examination Form, Golder).

October 22, 2015 Two White Sturgeon mortalities observed in BRD tail race, one carcass was recovered. The October 22, 2015 sturgeon was documented by Golder as in good shape and observed wounds were fresh. The Golder reports states the prominent injury was a large laceration through the right lateral wall directly behind the pectoral girdle and that the tear was 15cm in length. There was a number of other secondary injuries that included abrasions, lacerations and surficial wear marks (October 22, 2015 White Sturgeon Carcass Recovery and Examination Form, Golder). One of identified lateral abrasions would indicate that it had been hit or rubbed against an object. The abrasions that show on the photograph of the White Sturgeon are very similar to the design that is found on 'rebar' a high tensile steel rod that is often used to reinforce concrete.

November 10, 2015 a partial white sturgeon carcass was observed and recovered from the sealed and dewatered BRD Unit 4 draft tube that had the missing grate/screen from the sump area. The Golder report indicates that the carcass was in poor condition and severely deteriorated. The report also indicates that the head and tail of the sturgeon were missing at the time of recovery (November 10, 2015 White Sturgeon Carcass Recovery and Examination Form, Golder).

Two of the sturgeon recovered were in the late stages of decay and had been deceased for some time; both of these specimens had the head and tail removed. During January of 2016 Fishery Officers conducted an inspection of the Brilliant facility and conducted interviews of FORTIS employees. During these interviews FORTIS employees indicated that there were no objects protruding from the walls within the wetted portion of BRD that can be accessed by Sturgeon that could potentially cause injury or harm to the sturgeon. FORTIS employees did indicate that a grate within draft tube number four used for dewatering the draft tube was identified as missing during a 2011 inspection. This grate was approximately 4 feet by 4 feet and on one side of this opening is a de-watering pump access point. FORTIS employees also indicated that within this area there was a chunk of rebar protruding out of the concrete. This grate was identified as missing during the March 7, 2011 Mechanical Annual Inspection (JO#71751, FORTIS). This

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Mechanical Inspection clearly indicates on Page 4 "Draft tube drain sump intake in draft tube does not have a grate/screen on it, "It should have one for Sturgeon protection". This grate/screen was not replaced until November 2015 (Job Order 102559, FORTIS).

According to the FORTIS Sturgeon Risk Management Plan when a unit is started after 1 week of inactivity, the tailrace will be observed for 10 minutes during the unit start to observe and document any sturgeon interactions. This only occurred twice since January 1, 2011, Unit 2 May 20 to June 15, 2014 and Unit 4 October 25 to November 20, 2015 (according to documentation supplied by FORTIS. During interviews FORTIS employees indicated that observations of the tail race only occurs during manual starts and only if resources are available. During remote starts there is no one to monitor the tail race for possible White Sturgeon occurrences. Records of Start Up, Shut down and Outages for 2015 indicate that manual starts only occurred after BRD interim operating instructions came into place on October 30, 2015 before this date all starts were done remotely at SCC. At of the time of the inspection in January of 2015, Fortis BC was just developing start up procedures to mitigate the risk to white sturgeon at BRD during start up procedures, despite this being a recommendation from a warning issued to the Columbia Power Corporation issued by Fishery Officer/ DFO Conservation and Protection Pacific Region Director, Randy Nelson, on November 9 2010.

The failure to replace a grate/screen in Draft Tube 4 for a period in excess of 4.5 years when it was identified as required for sturgeon protection. FORTIS Sturgeon Management Plan for Unit Outages, Unit Isolation (complete dewatering) states: "There are times when maintenance activities require the complete dewatering of the draft tube. Risks to white sturgeon that may be trapped in the draft tube include:

- i) potential injuries resulting from dewatering and stranding of fish in shallow water:
- ii) impingement of fish on outlet screens during the final stages of dewatering; and,
- iii) potential death from lack of water (FORTIS Sturgeon Mgmt. Plan from job plan 1090).

Another FORTIS Management Plan for Unit Outages goes further by stating, "Without these mitigation, these risks could result in the death of trapped sturgeon" (Sturgeon Management Plan for Unit Outages revised March 03/10). The first mitigation marked number 1 indicates dewatering the draft tube below the draft tube access door and to a point where at least 50cm of water depth remains in the lowest portion of the draft tube. In Draft tube number 4 there was nothing to prevent fish from entering draft tube drain pump. Fisheries and Oceans Canada believes that the failure to replace this protective grate exposed many SARA listed white sturgeon and other species to the following risks:

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- Upon a start up, the rush of turbulent water and currents within the draft tube tailrace areas has the potential to cause currents within the sump that would cause a sturgeon or other species, if present in the sump, to be pushed and cycled repeatedly within the sump void. This combined with the exposed rebar has potential to cause injury from blunt trauma and/or cause entrapments between the rebar and the concrete sump wall (See photo of rebar in sump and close up of rebar, Fortis). It is believed that this was likely the cause of one sturgeon mortality that was recovered by Golder and associates that was recovered on October 22, 2015 after it was observed to be floating downriver. This sturgeon had rebar like marks on its body in numerous locations.
- Upon a shutdown and isolation of Unit 4, SARA listed white sturgeon could be potentially entrapped in the draft tube. It is also reasonable to believe that the missing grate exposed SARA listed white sturgeon to another fatal hazard when dewatering the draft tube #4 with potential for direct access and exposure to the sump pump (see photo attached, FORTIS). The sump is the lowest point of water in the draft tube area and upon dewatering; any fish left in the draft tube would be forced into the lowest point as the pump draws water out of the sump. Without a protective grate, the sump pump has the ability to expose SARA listed white sturgeon to the open spinning blades of the pumps impellor. Based on photos of recovered carcasses, it is reasonable to believe that this pump was capable and likely did grind away at heads and tails of SARA listed white sturgeon, on numerous occasions for over 4.5 years.

After review of FORTIS BC Management Plans and comments made in the March 7, 2011 Mechanical Annual Inspection it is clear that FORTIS BC is very aware of the potential hazard associated with the missing grate and made a conscience decision not to repair the missing grate/screen on the dewatering draft tube drain sump. BRD Unit 4 was remotely started by SCC twenty two times in 2015 before interim measures were instituted, applying these numbers over the 2011 to 2015 time period one could expect the unit to have been started around 100 times (data for 2011 to 2014 not provided). It is unknown how long the grate was missing before 2011. Fisheries and Oceans Canada believes that this negligent act of failing to repair the protective grate in 2011 exposed SARA listed White Sturgeon and other species to unnecessary fatal risk and are likely the cause of numerous mortalities since 2011. Fisheries and Oceans Canada believes that this has resulted in a contravention of the following provisions of the Fisheries Act and Species at Risk Act.

• No person shall carry on any work, undertaking or activity that results in serious harm to fish that are part of a commercial, recreational or Aboriginal fishery, or to fish that support such a fishery (Fisheries Act 35(1).

- Failure to take all reasonable measures consistent with public safety and with the conservation and protection of fish and fish habitat to prevent the occurrence or to counteract, mitigate or remedy any adverse effects that result from the occurrence or might reasonably be expected to result from it which is required under Section 38(6) of the Fisheries Act.
- Killing, harming, harassing, capture or taking of an aquatic species listed as extirpated, endangered or a threatened species which is prohibited under Section 32 of the Species at Risk Act.

Fisheries and Oceans Canada recognizes that the grate / screen has been replaced and additional mitigative measures have been instituted (soft start) to help Fisheries and Oceans strongly minimize additional impacts to sturgeon. recommends that FORTIS BC, Columbia Power Corporation and Columbia Basin Trust address repairs to any structures / facilities that may interact or affect aquatic organisms, Species at Risk or habitat within reasonable time frames and implement corrective measures as soon as possible when risks to sturgeon are identified. Fisheries and Oceans also recommends that FORTIS BC, Columbia Power Corporation and Columbia Basin Trust review the Sturgeon Risk Management Plans surrounding the monitoring of fish presence and detection in the draft tubes during exclusion times from the Kootenay River and increases monitoring activities of the tailrace during manual and remote start up procedures to determine if more sturgeon interactions are occurring at BRD. Fisheries and Oceans also recommends that all grates are inspected during the next dewatering process in each of the Draft Tubes.

Water levels should be carefully monitored and start ups adapted to prevent blade strikes during high water periods if there is any chance sturgeon can enter the turbine housing.

During the interviews and subsequent review of the materials provided by FORTIS BC, it is also believed that entrapped sturgeon detection methods are inadequate when units are shut down and isolated. DFO recommends that Fortis explore and implement further methods to detect, protect, and release entrapped SARA listed white sturgeon with implementation of cameras, lights, and or the use of underwater ROVs

As with any offence that Fisheries and Oceans deals with there are a number of avenues that we can proceed, some of these options are prosecution, restorative justice and warnings. Decisions are based on the level of harm to the environment, first time offence, history of compliance, intention of party and willingness to cooperate or remediate. For this specific situation Fisheries and Oceans has decided to issue a warning to FORTIS BC, Columbia Power Corporation and Columbia Basin Trust, as such this warning will form part of your compliance history.

Fisheries and Oceans recommends that Columbia Power and Columbia Basin Trust contact FORTIS BC for copies of the documents and photographs referenced within this warning letter.

Fisheries and Oceans Canada would also like to inform FORTIS BC, Columbia Power and Columbia Basin Trust of Fisheries Act Section 38(7.1), which deals with Corrective Measures. Section 38(7.1) allows an inspector or fishery officer when satisified on reasonable grounds that immediate action is necessary in order to take any measures referred to in subsection (6) and the inspector or fishery officer may take any of those measures at the expense of any person or direct such a person to take them at that person's expense.

Measures described in 38(6) pertain to any person described in paragraph (4) (a) or (b) or (5)(a) or (b) as soon as feasible, to take all reasonable measures consistent with public safety and with the conservation and protection of fish and fish habitat to prevent the occurrence or to counteract, mitigate or remedy any adverse effects that result from the occurrence or might reasonably be expected to result from it.

## Fisheries and Oceans Canada is considering the application of Section 20(1) and (2) of the Fisheries Act

- 20 (1) If the Minister considers that doing so is necessary to ensure the free passage of fish or to prevent harm to fish, the owner or person who has the charge, management or control of an obstruction or any other thing that is harmful to fish shall, on the Minister's request and within the period specified by the Minister, conduct studies, analyses, samplings and evaluations, and provide the Minister with any document or other information relating to them, to the obstruction or thing or to the fish or fish habitat that is affected or is likely to be affected by the obstruction or thing
- (2) If the Minister considers that doing so is necessary to ensure the free passage of fish or to prevent harm to fish, the owner or person who has the charge, management or control of an obstruction or any other thing that is harmful to fish shall, on the Minister's request, within the period specified by the Minister and in accordance with any specifications of the Minister,
- (a) remove the obstruction or thing;
- **(b)** construct a fishway;
- (c) implement a system of catching fish before the obstruction or thing, transporting them beyond it and releasing them back into the water;

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- (d) install a fish stop or a diverter;
- (e) install a fish guard, a screen, a covering, netting or any other device to prevent the passage of fish into any water intake, ditch, channel or canal;
  - **(f)** maintain the flow of water that the Minister considers sufficient to permit the free passage of fish; or
  - (g) permit the escape, into the water below the obstruction or thing, at all times of the quantity of water that the Minister considers sufficient for the safety of fish or for the flooding of fish habitat to an appropriate depth.

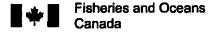
Fisheries and Oceans is committed to continuing to work with the affected parties and jointly working to protect White Sturgeon and other fishery resources. Fisheries and Oceans will continue to monitor and inspect facilities on the Columbia and Kooetenay River systems. If you have any questions please feel free to contact any of the Fisheries and Oceans Canada Fishery Officers listed below.

Sincerely,

Fisheries & Oceans Canada Fishery Officer Cory Morrison #9188 250-804-7004

Fisheries & Oceans Canada Fishery Officer / Field Supervisor Brian Levitt 250-804-7008

Fisheries & Oceans Canada Fishery Officer / Acting Detachment Supervisor Barry Zunti 250-851-4956



Pêches et Océans Canada

Pacific Region - Fish Health Unit 103 - 2435 Mansfield Drive Courtenay, British Columbia V9N 2M2 Région du Pacifique - Santé de poisson 103 - 2435 Drive Mansfield Courtenay (C.-B.) V9N 2M2

May 7, 2018

Marine Harvest Canada 124-1334 Island Highway Campbell River, BC V9W 8C9

Dear Licence Holder;

Subject: Non-compliance regarding licence AQFF 115312

Section 4 of the *Pacific Aquaculture Regulations* states; "For the proper control of fisheries and the conservation and protection of fish, the Minister may specify, in addition to the matters set out in subsection 22(1) of the *Fishery General Regulations*, conditions in an aquaculture licence".

This letter is to inform you that Fisheries and Oceans Canada (DFO) has conducted a review of your Condition of Licence (COL) 4.4(b) which states:

a mortality event procedure, which will include:
(i) notification to the Department of a mortality event defined in Part A "Mortality Event" not later than 24 hours after discovery, providing as much detail as outlined in Appendix V-A;

We have determined that you have failed to comply in the following manner;

 The detection of the "mortality event" (as defined in Part A. Definitions of the licence) did not occur, and resultantly there was a failure to notify the department within the required timeframe.

s.21(1)(a) s.21(1)(b)

A review of this occurrence has been conducted by DFO staff. Marine Harvest Canada has been found to be transparent and forthcoming with information relating to the failure to report this event.

A 10-day follow up report has been submitted, and no ongoing issues have been identified as a result of this failure to report. As such, this matter is considered closed at this time and no further action will be taken.

This occurrence of non-compliance is being recorded and will form your compliance history and will be considered in response to future occurrences of non-compliance. This letter does not preclude any legal action this Department may take with respect to this matter.



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DFO is committed to working with you. Please feel free to contact Zac Waddington (<u>Zac.Waddington@dfo-mpo.gc.ca</u>) if you have any questions or concerns regarding this matter at 250-703-0902. All reports are to be sent to the following E-Mail address: Marine.Finfish.Aquaculture@dfo-mpo.gc.ca.

Sincerely,

Dr. Zac Waddington DVM, B.Env.Sc.(Hons)

Lead Veterinarian - Pacific Region Fisheries and Oceans Canada | Pêches et Océans Canada Aquaculture Environmental Operations - Fish Health Courtenay, British Columbia

Telephone | Téléphone: 250-703-0902 Fax | Télécopieur: 250-703-0921

Fax | Telecopieur: 250-703-0921 Zac.Waddington@dfo-mpo.gc.ca

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Fisheries and Oceans Canada

Pacific Region 200-401 Burrard Street Vancouver, BC V6C 3S4 Pêches et Océans Canada

Région du Pacique Pièce 200 – 401 rue Burrard Vancouver, (C.-B.) V6C 3S4

June 6, 2018

Your file Votre référence

Our file Notre référence 17-HPAC-00071

Trans Mountain Pipeline ULC 300 -5 Avenue SW., Suite 2700 Calgary, AB, T2P 5J2

Sent via e-mail

Subject:

Trans Mountain Expansion Project – Westridge Marine Terminal Expansion: Written Warning for Failure to Comply with Prescribed Conditions of a Paragraph 35(2)(b) Fisheries Act Authorization (Authorization No. 17-HPAC-00071)

On September 8, 2017, Fisheries and Oceans Canada (DFO) issued a Paragraph 35(2)(b) Fisheries Act Authorization to Trans Mountain Pipeline ULC (Trans Mountain) for works, undertakings or activities associated with the expansion of the Westridge Marine Terminal in Burrard Inlet, British Columbia, which is a component of the larger Trans Mountain Expansion (TMX) Project.

The above noted *Fisheries Act* Authorization prescribes conditions under which Trans Mountain is authorized to carry out its proposed works, undertakings or activities.

Through DFO's compliance verification process for authorized works, undertakings or activities at the Westridge Marine Terminal, DFO determined that Trans Mountain was non-compliant with the following conditions of the Authorization:

Condition 2.2.9.3: Outside of the least risk windows for Burrard Inlet (August 16 – February 28), a more conservative underwater sound threshold of 22.5 kPa (207 dB re:  $1 \mu Pa$ ) will be adhered to, and monitored, to prevent injury to finfish. If sound levels exceed this threshold, or a fish kill is observed despite mitigation measures being in place, pile driving activities are to cease immediately and mitigation methods are to be reviewed and modified in consultation with DFO.

Condition 2.2.9.8: If underwater noise recordings reveal that the threshold of 160 dB is exceeded at the lkm exclusion zone boundary, the exclusion zone radius must be widened to a new outer limit, where sound recordings

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demonstrate that the 160 dB threshold is not exceeded. Conditions 2.2.9.5 to 2.2.9.7 will need to be complied with within this new exclusion zone.

Condition 6.1: In recognition of the high importance of the health of the Fraser River, Burrard Inlet, and the Salish Sea, and their salmon fisheries, to Indigenous communities for subsistence and cultural reasons, monitoring reports submitted to DFO under Conditions 2.2.12, 3, 4.6.2 and/or 5 of this Authorization shall be shared concurrently by the Proponent with the IAMC and DFO.

Condition 6.3: If monitoring activities and/or reports indicate non-compliance with any conditions of this Authorization and/or the provisions of the Fisheries Act, the Proponent must identify the reasons for non-compliance, remedial actions or measures taken or to be taken, a timeline for their implementation and the effectiveness of any implemented remedial measures. This information shall be provided in a report to DFO and the IAMC concurrently, and in a timely manner.

#### Compliance with Condition 2.2.9.3

The April 2018 Noise Monitoring Records (Appendix A of the April 2018 construction monitoring report) indicate that the 22.5 kPa (207 dB re: 1 µPa) underwater noise threshold for injury to finfish was exceeded six times while impact pile driving on April 3<sup>rd</sup>, 2018, with a maximum exceedance of 2.0 kPa (0.8 dB re: 1 µPa). The April 2018 Noise Monitoring Records indicate that, each time the threshold was exceeded, Trans Mountain immediately stopped pile driving and attempted to reduce noise levels by modifying the mitigation measures that applied to the pile driving. Despite adjusting the mitigation measures after each of the six separate exceedances of the underwater noise threshold, the noise threshold continued to be exceeded after each subsequent attempt. Despite failing to reduce noise levels to below the threshold, Trans Mountain nonetheless resumed pile driving after each exceedance.

Upon exceeding the 22.5 kPa (207 dB re:  $1\mu$ Pa) underwater noise threshold while impact pile driving, Condition 2.2.9.3 requires that Trans Mountain immediately cease pile driving and contact DFO to review and modify the applicable mitigation measures. Trans Mountain did not contact DFO to review and modify mitigation measures, and thereby failed to comply with the requirements of Condition 2.2.9.3 a total of six times on April  $3^{rd}$ , 2018.

The 22.5 kPa (207 dB re: 1  $\mu$ Pa) underwater noise threshold was again exceeded on April 9<sup>th</sup>, 2018 and April 23<sup>rd</sup>, 2018, by approximately 4.4 kPa (1.6 dB re: 1  $\mu$ Pa) and 2.0 kPa (0.8 dB re: 1  $\mu$ Pa) respectively. Following these underwater noise exceedances, Trans Mountain immediately stopped pile driving. However, Trans Mountain again failed to contact DFO after these documented exceedances to review and modify applicable mitigation measures as required by Condition 2.2.9.3 and thereby did not fulfill the requirements of this condition.

#### Compliance with Condition 2.2.9.8

The January 2018 Noise Monitoring Records (Appendix A of the January 2018 construction monitoring report) indicate that the 160 dB underwater noise threshold was exceeded by 2.3 dB at the boundary of the 1 km marine mammal exclusion zone

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("exclusion zone") during impact pile driving that took place on January 12<sup>th</sup>, 2018. Despite this threshold exceedance on January 12<sup>th</sup>, Trans Mountain did not proceed to widen the outer limit of the exclusion zone radius to a distance where sound recordings demonstrate that the 160dB threshold is not exceeded, thereby failing to meet the requirements of Condition 2.2.9.8.

Following the January 12<sup>th</sup> noise threshold exceedance, the next impact pile driving event took place on January 30<sup>th</sup>, and then again on February 1<sup>st</sup> and February 2<sup>nd</sup>, 2018. Despite the threshold exceedance on January 12<sup>th</sup>, 2018, the January and February 2018 *Noise Monitoring Reports* indicate that on these dates, Trans Mountain did not measure underwater noise levels at the boundary of the exclusion zone during impact pile driving. In doing so, Trans Mountain failed to comply with Condition 2.2.9.8.

To ensure ongoing compliance with Condition 2.2.9.8, DFO has requested that Trans Mountain document the following changes during all instances of future pile driving: when there is a change in the diameter of the pile being driven, seabed depth for pile installation, or whenever a different impact hammer is used. Trans Mountain will measure underwater noise levels during any such changes and provide a report of such changes and noise levels in future monthly construction monitoring reports required to be submitted to DFO pursuant to Condition 3.2. Trans Mountain has committed to providing this data to DFO in its monthly construction monitoring reports required pursuant to Condition 3.2.

#### Compliance with Condition 6.1

Through email correspondence between Trans Mountain and DFO, DFO became aware on April 26<sup>th</sup>, 2018 that Trans Mountain had not provided copies of the January 2018, February 2018, and March 2018 monthly construction monitoring reports to the Indigenous Advisory Monitoring Committee (IAMC), as required under Condition 6.1 of the Authorization, thereby resulting in a failure to meet the requirements of this condition.

On April 26<sup>th</sup>, 2018, Trans Mountain confirmed by email that going forward, it will share future monthly construction monitoring reports with the IAMC, in compliance with Condition 6.1 of the Authorization.

#### Compliance with Condition 6.3

Condition 6.3 requires that where monitoring reports indicate non-compliance with any of the conditions of the Authorization, Trans Mountain identify the reasons for non-compliance, remedial actions or measures taken or to be taken, a timeline for their implementation, and the effectiveness of any implemented remedial measures. This condition also requires that this information be provided in a report to DFO and the IAMC concurrently, and in a timely manner.

To this day, Trans Mountain has not provided a report containing this information in relation to the non-compliance issues outlined above to DFO and the IAMC, as is required under Condition 6.3, and therefore has yet to comply with the requirements of this condition. We remind you of the obligation to do so and request that you provide DFO and the IAMC with a copy of such a report immediately.

It is Trans Mountain's responsibility to ensure that it is compliant with the prescribed conditions of the *Fisheries Act* Authorization when carrying out authorized works, undertakings or activities at the Westridge Marine Terminal. Trans Mountain should be aware that conditions of an Authorization are enforceable under the *Fisheries Act* and failure to comply with such a condition constitutes an offence under paragraph 40(3)(a) of the *Fisheries Act* which may result in prosecution.

By way of this letter, we are therefore providing you with a written warning for having contravened the *Fisheries Act*, particularly for having carried on works, undertakings and activities without complying with the conditions prescribed by the Minister under paragraph 35(2)(b) of this Act.

Please note that this warning letter does not exclude prosecution under the *Fisheries Act* in respect of this project in the event of future instances of non-compliance.

We trust we can rely on your collaboration going forward. If you have any questions regarding any of the foregoing, please contact me at (604) 666-0129 or Tracey.Sandgathe@dfo-mpo.gc.ca.

Sincerely,

Tracey Sandgathe Regional Manager

Fisheries Protection Program

Fisheries and Oceans Canada / Government of Canada

c.c. Mike Carlson, Regional Director, Conservation and Protection, Pacific Region
Chief Ernie Crey and Indigenous Advisory &
Monitoring Committee (IAMC)

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From:

Scott, Melinda on behalf of AOSF / AOSF (DFO/MPO)

To:

DFO shellfish aquaculture facility: AQSF 69

Subject: Date:

June-28-18 13:45:17

Attachments:

Final Shellfish Inspection Letter to Grower 69 0278774.pdf

Warning Ticket AO003537-FRN69

DFO Shellfish Information Notice June 2018.pdf Seabed Survey and Cleanup Instructions.pdf

Importance:

High

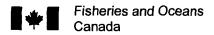
Attention Aquaculture Licence Holder,

Please find attached important information regarding your DFO shellfish aquaculture facility: **AQSF 69**.

If you have any questions, please contact Aquaculture Resource Management: <a href="mailto:shellfish.aquaculture@dfo-mpo.gc.ca">shellfish.aquaculture@dfo-mpo.gc.ca</a>

#### Melinda Scott

Aquaculture Management Coordinator | Coordinatrice sénior - Gestion de l'aquaculture Fisheries Management | Direction des pêches |
Aquaculture Management Division | Division de la gestion de l'aquaculture |
Fisheries and Oceans Canada | Pêches et Océans Canada |
Government of Canada | Gouvernement du Canada |
www.pac.dfo-mpo.gc.ca



Pêches et Océans Canada

Pacific Region 1520 Tamarac Street Campbell River, British Columbia V9W 3M5 Région du Pacifique 1520 Tamarac Street Campbell River (C.-B.) V9W 3M5

June 21, 2018

523 15<sup>th</sup> Avenue Courtenay British Columbia V9N 1X2

Dear Licence Holder:

Subject: Post Inspection Report; Licence #114210, Facility #69, Land file #0278774

Fisheries and Oceans Canada (the Department) conducted a site inspection of your facility on May 14 and 18, 2018. The purpose of this letter is to inform you of violations under the AQSF 114210 Conditions of Licence that were observed at the time of inspection.

In an effort to uphold the Department's commitment to accountable governance, violations referred to in this letter will form part of the performance history for your site and may be considered in response to violations identified in the future.

#### Violations Identified:

#### **Condition of Licence Part B**

6.1 With the exception of Varnish clam, which may be retained, and licensed species as prescribed in 4.1(b), every person who catches a fish incidentally must immediately return it to the water in a manner that causes it the least harm.

"Incidental Catch" for the purposes of marine shellfish aquaculture means fish species that:

- (a) are not specifically named on the face of the aquaculture licence; and
- (b) set naturally, or become entrapped or entangled on aquaculture structures with the licensed species.

**Description of violation:** At the time of inspection, numerous red rock crabs and jelly fish were caught in aquaculture equipment, in particular the perimeter fence constructed of scallop pearl nets on the intertidal zone. Most of the crabs were dead. In addition there were two fish (plainfin midshipmen) found under a heavily fouled oyster



tray and a purple sea star found within the predator exclusion perimeter fencing. In addition three red rock crabs were observed to have been stabbed through the carapace (back). This indicates that the crabs were not released immediately in the manner that causes least harm. Upon discussions with it was identified that dispatching the crabs in this manner is common practice.

#### Condition of Licence Part B

7.3 The licence holder shall ensure that predator exclusion devices are constructed and maintained to prevent entrapment and avoid potential injury to fish species or wildlife; and to function as intended.

Description of violation: At the time of inspection, as noted above several different species were entrapped and killed as a result of the predator exclusion perimeter fencing. Those that were not dead at the time of inspection would have been experiencing varying levels of stress (injury). The predator exclusion devices were not functioning as intended as evidenced by the sheer number of red rock crabs found inside the predator exclusion fencing. The predator exclusion devices (scallop nets) were not maintained as they were ripped and degrading resulting in holes increasing the likelihood of entrapment.

#### Remediation:

- 1. The practice of intentionally killing crabs by any means must cease immediately.
- 2. The scallop pearl net fence has been shown to, and is likely continuing to kill fish which constitutes violations under the *Fisheries Act* and Regulations. Scallop culture nets are not an approved or appropriate method for predator exclusion. You must take all efforts to ensure that this structure is removed immediately to prevent any further entrapment and/or harm to fish. Remediation measures must be complete by August 30, 2018.

Please note: Condition of Licence Part B 2.1 requires licence holders to "conduct inspections of equipment, installation methods... to ensure that equipment and structures are capable of functioning as intended in the environment where they are located...". Degraded aquaculture infrastructure and gear should be identified during this process and removed or upgraded as a best management practice.

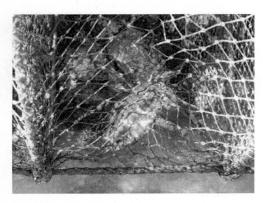
Representative photos taken while on site of these violations have been included below.



Photo 1: plainfin midshipman trapped under oyster tray.



Photo 2: punctured red rock crabs



Photo'3: red rock crab trapped within scallop net perimeter fencing

8.1 The licence holder shall ensure that "Styrofoam" used for floatation is securely wrapped in containment material so as to remain intact. Any floatation material that is degrading or is otherwise no longer in use shall be removed from the marine environment and disposed of at land-based facilities.

**Description of violation:** At the time of inspection, a number of Styrofoam floats on raft structures were exposed due to the wrapping becoming loose.

Remediation: All exposed Styrofoam needs to be removed from the site and disposed of at an upland facility and may not be returned to the marine environment. Floats with exposed Styrofoam need to be removed by September 30, 2018. Replacement floats should be a non-Styrofoam durable option. Any Styrofoam taken out of the marine environment must be disposed of at land-based facilities.

A representative photo taken while on site of this violation has been included below.



Photo 4: unwrapped Styrofoam

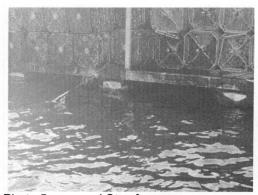


Photo 5: exposed Styrofoam

8.3 The licence holder shall not store or leave any aquaculture equipment or structures on the licensed area unless the equipment or structures are in that location as part of an aquaculture activity and are affixed/secured so as not to move off the licensed area.

**Description of violation:** At the time of inspection, unsecured predator netting was observed on top of trays stacked on a raft. Oyster trays were observed unsecured on the intertidal zone. These trays can result in the entrapment of marine organisms.

**Remediation required:** Oyster trays should be removed from the intertidal zone. If they are integral to the operations of the intertidal aquaculture site the licence holder needs to ensure that they are appropriately modified to ensure that marine organisms to not become trapped by them. The unsecured netting must be remove from the raft or secured in place so as not to be lost to the marine environment.

A representative photo, taken while on site of this violation has been included below.



Photo 6: unsecured netting

8.4 The licence holder shall not introduce or cause or allow the introduction of aquaculture refuse (including but not limited to infrastructure, equipment and materials) into the environment in the course of conducting aquaculture activities.

**Description of violation:** At the time of inspection, aquaculture related refuse, in the form of unmaintained predator perimeter fencing, scattered stations, degraded vexar fencing and bags was observed on the intertidal zone. Aquaculture refuse, a cargo net around what appeared to be scallop nets, was also identified via remotely operated vehicle on the seabed beneath the raft array.

Remediation required: All degraded aquaculture equipment/gear/infrastructure and refuse, both intertidally and subtidally, need to be removed from the site and disposed of at an upland facility. The Department requires that you address the above concern by September 30, 2018.

Representative photos taken while on site of this violation has been included below.



Photo 7: refuse on licensed area

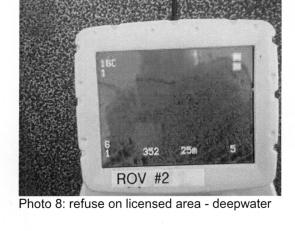




Photo 9: refuse on licensed area

The Department must be notified when the remediation works are complete. Photographic images must be submitted to <a href="mailto:Shellfish.Aquaculture@dfo-mpo.gc.ca">Shellfish.Aquaculture@dfo-mpo.gc.ca</a> to verify that the remediation efforts were undertaken. As an underwater, on-bottom cleanup is required please submit a cleanup survey report. For instructions on how to complete such a survey and report, please refer to the section titled "Seabed Survey and Cleanup Instructions for Subtidal Shellfish Aquaculture Sites". Please ensure you include your facility reference number (69) in your e-mail subject line.

If you have any question or concerns regarding this matter please contact Shelley Jepps at <a href="mailto:Shelley.jepps@dfo-mpo.gc.ca">Shelley.jepps@dfo-mpo.gc.ca</a>.

Please note that this letter is not meant to suggest that a comprehensive assessment of ALL Conditions of Licence has been conducted and does not address conditions other than those specifically observed on the day of inspection. Nor does it preclude any potential charges laid by Fishery Officers in response to these or any further identified violations under the *Fisheries Act* and/or associated *Regulations*.

Sincerely,

Shelley Jepps

Shelley Jepps.

Senior Shellfish Aquaculture Biologist | Biologiste principal de mollusque de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada | 1520 Tamarac Street | 1520 Tamarac Street | Campbell River, BC V9W 3M5 | Campbell River (C.-B.) V9W 3M5

Attach: Instructions for cleanup of seabed beneath suspended aquaculture tenures

2018

Cc: Compliance & Protection Aquaculture Unit Aquaculture Resource Management FLNRO (Licensing and Compliance)

de la Loi sur l'accès à l'infc**AQ**i**0037 DVs # 2018-03367** 



### Warning Ticket / Avertissement

Pursuant To The Federal Fisheries Act / En vertue de la Loi sur les pêches fédérale

Issued to / Délivré à:		D.O.B / DN:		
Position / Poste:	AQSF LICENCE HOLE	DEAS		
Company Name / Nom de l'entreprise:				٦
Site Location / Emplacement du site:	LICKLEY BAM, BAMNE	is sou	ND -FRN#69/LF#0278774	
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Sec#/C.O.L.# / AGSF Art. n° / CDP n°: S.16.1	in manner that causes least harm			COL
Sec#/C.O.L.#/ ADSF Art. n°/CDP n°5, ¬1.3	2: PREDMOR EXCLUSION DE	itees-a		
Sec#/C.O.L.# / <b>AOSF</b> Art. n° / CDP n°: <b>s . G. 3</b>	3: STORMOTE/SECULE-Equipm	nert/sm	instructed/maintained to dife & function as intereded by ucture not stored on licenad a trure and a fixed/secure	Conditions of Licence
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You are required to come into  compliance with the regulations. /  Yous êtes tenu de vous conformer à la  réglementation.  This warning does not preclude Fisheries and Oceans taking any other action that it may consider appropriate in the circumstances. /  En plus du présent avertissement, Pêches et Océans Canada pourra prendre toute autre mesure qu'il jugera appropriée compte tenu des circonstances.				
Name and Number of Fishery Officer / Guardian Nom et numéro de l'agent des pêches ou du garde-pêche:  Signature / Signature:				
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## Warning Ticket / Avertissement

Pursuant To The Federal Fisheries Act / En vertue de la Loi sur les pêches fédérale					
lssued to / Délivré à:		D.O.B / DN:			
Position / Poste:	AOSF Licence H	olders			
Company Name / Nom de l'entreprise:		<del> </del>			
Site Location / Emplacement du site: Buckley Bry, Brynes Sound - Frn #69					
	Aquaculture Licence No. / N° de permis d'	aquaculture	Species / Espèces		
Marine Finfish / Poissons marins					
Fresh Water / Poissons d'eau douce					
Shellfish / Fruits de mer	AQSF 114210 / LF#0	278774			
Other / Autre					
	Description of violation	/ Description o	de l'infraction		
Violation Date / Date de l'in	fraction: MAY 18, 2018				
Regulation / Règlementation:	Pacific Aquaculture Regs / Règlement du Pacifique sur l'aquacul	ture	Fishery(General) Regs 22(7) / Paragraphe 22(7) du Règlement de pêche (dispositions générales)		
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Sec#/C.O.L.# / Art. n° / CDP n°:	4:		Permis		
You are required to come into  Compliance with the regulations. /  Vous êtes tenu de vous conformer à la  réglementation.  This warning does not preclude Fisheries and Oceans taking any other action that it may consider appropriate in the circumstances. /  En plus du présent avertissement, Pêches et Océans Canada pourra prendre toute autre mesure qu'il jugera appropriée compte tenu des circonstances.					
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	6, 2018				
Date of issue / Date de déli	ivrance:	Time of issue	e / Heure de délivrance:		

Fishery Officer Copy Copie de l'agent des pêches s.19(1)

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#### Fisheries and Oceans Canada

Pacific Region
Fisheries and Aquaculture Management
Aquaculture Management
1520 Tamarac Street
Campbell River B.C. V9W 3M5

#### Pêches et Océans Canada

Région du Pacifique Direction des pêches et de l'aquaculture Gestion de l'aquaculture

June 27th, 2018

#### Turn it in Week 2018

Turn it in Week is happening again this September. This is a great opportunity for you to dispose of any shellfish aquaculture related debris on or around your shellfish licence tenures. Drop off locations will be set up throughout South Coast areas as well as the west coast of Vancouver Island. A complete list of locations will be listed in a Turn it in Week specific letter which will be emailed to all licence holders at a later date.

#### This is an opportunity to dispose of your Shellfish Aquaculture debris FOR FREE!

Drop off locations will have large bins dedicated solely for *Turn it in Week*. The bins will be clearly marked for aquaculture related debris only and are not for public use. The bins will be monitored by local aquaculture industry volunteers. Dropping off debris in these bins is free and the disposal costs are covered, including disposal of any Styrofoam.

A significant environmental risk and impact from the shellfish aquaculture sector is debris. We thank you in advance for taking the opportunity to participate in *Turn it in Week* and be part of the solution.

Please watch for more information which will be provided prior to *Turn it in Week*.

For more information on Turn it In Week, contact: shellfish.aquaculture@dfo-mpo.gc.ca.

#### Fisheries and Aquaculture Clean Technology Adoption Program

Fisheries and Oceans would also like to remind all licence holders, as mentioned in the Protection of Fish Habitat, Shellfish Aquaculture Debris Management letter sent on February 15<sup>th</sup>, 2018, of the Fisheries and Aquaculture Clean Technology Adoption Program (FACTAP). This program provides funding to Canada's fisheries and aquaculture industries to implement market-ready clean technologies, processes, and practices into their day-to-day operations. For more information on this program go to the website: <a href="http://www.dfo-mpo.gc.ca/aquaculture/business-entreprises/factap-application-patppa-eng.htm">http://www.dfo-mpo.gc.ca/aquaculture/business-entreprises/factap-application-patppa-eng.htm</a> or contact: <a href="http://www.dfo-mpo.gc.ca/aquaculture/business-entreprises/factap-application-patppa-eng.htm">http://www.dfo-mpo.gc.ca/aquaculture/business-entreprises/factap-application-patppa-eng.htm</a> or contact: <a href="http://www.dfo-mpo.gc.ca/aquaculture/business-entreprises/factap-application-patppa-eng.htm">http://www.dfo-mpo.gc.ca/aquaculture/business-entreprises/factap-application-patppa-eng.htm</a> or contact: <a href="http://www.dfo-mpo.gc.ca/aquaculture/business-entreprises/factap-application-patppa-eng.htm">http://www.dfo-mpo.gc.ca/aquaculture/business-entreprises/factap-application-patppa-eng.htm</a> or contact:



1



#### Fisheries and Oceans Canada

Canada
Région du Pacifique

Pêches et Océans

Pacific Region
Fisheries and Aquaculture Management
Aquaculture Management
1520 Tamarac Street
Campbell River B.C. V9W 3M5

Région du Pacifique
Direction des pêches et de l'aquaculture
Gestion de l'aquaculture

#### Seabed Survey and Cleanup Instructions for Subtidal Shellfish Aquaculture Sites

- 1. Survey the ocean floor (diver or Remotely Operated Vehicle) within and adjacent to the licenced area (tenure boundaries).
  - a. The survey must cover the entire licenced area.
  - b. The survey methodology must consider underwater visibility and be adjusted accordingly.
  - c. All debris items must be identified and retrieved.
- 2. A report detailing the items identified and items retrieved must be submitted to DFO via the <a href="mailto:Shellfish.Aquaculture@dfo-mpo.gc.ca">Shellfish.Aquaculture@dfo-mpo.gc.ca</a> email and must contain:
  - a. DFO facility reference number.
  - b. Provincial lands number.
  - c. Name and contact information of the individual or company that conducted the survey and cleanup.
  - d. Description of the survey methodology.
  - e. Date of survey and clean up. Start and end times of survey and clean up. If survey and clean up occur over the course of several days, the start and end times must be recorded each day.
  - f. A photograph of each item retrieved from the seabed. Each item needs to be identified in the Summary Table (see g).
  - g. It must also contain the following Summary Table populated accordingly.

Table 1 – Example of Summary Table

Item	Location	Debris	Photo #	Retrieved	Name of Disposal
Number	Coordinates	Description		(Y/N)	Facility where Debris was taken
1	50 35.316 126 09.748	Stack of oyster trays		Y	
2	50.35.407 126 09.789	Scallop pearl nets		Y	
3					



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From:

Scott, Melinda on behalf of AQSF / AQSF (DFO/MPO)

To:

Cc:

AQSF / AQSF (DFO/MPO)

Subject:

DFO shellfish aquaculture facility: AQSF 87

Date:

June-28-18 13:53:22

Attachments:

DFO Shellfish Information Notice June 2018.pdf

Warning Ticket AO0036-FRN87-Block 421 SF.pdf

Importance:

<u>Final Shellfish Inspection Letter to Grower 87 0325943.pdf</u> High

Attention Aquaculture Licence Holder,

Please find attached important information regarding your DFO shellfish aquaculture facility: **AQSF 87**.

If you have any questions, please contact Aquaculture Resource Management: <a href="mailto:shellfish.aquaculture@dfo-mpo.gc.ca">shellfish.aquaculture@dfo-mpo.gc.ca</a>

#### Melinda Scott

Aquaculture Management Coordinator | Coordinatrice sénior - Gestion de l'aquaculture Fisheries Management | Direction des pêches

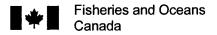
Aquaculture Management Division | Division de la gestion de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada Government of Canada | Gouvernement du Canada www.pac.dfo-mpo.gc.ca



DVS-2018-02129

## Warning Ticket / Avertissement

Pursua	int To The Federal	Fisheries Act /	En vertue	de la Loi sur les pe	êches fédérale	
Issued to / Délivré à:		Halifeld Green Co.	D.O.B / DN:			
Position / Poste:	AQSF LIVE	ENCE HOL	DEE			
Company Name / Nom de l'entreprise:	Company Name / Nom Place 1 121 Cale 1 121 Ca					
Site Location / Emplacement du site:	ocation/					
	Aquaculture Licence I	No. / N° de permis d'	aquaculture	Species / Espèces		
☐ Marine Finfish / Poissons marins						
Fresh Water / Poissons d'eau douce						
Shellfish / Fruits de mer	AQSF#114	354				
Other / Autre						
	Desc	ription of violation	/ Description	de l'infraction		
Violation Date / Date de l'i	infraction: MA	4 14 20	018		4-44-4	
Regulation / Réglementation:	Pacific Aquaculture Regs / Règlement du Pacifique sur l'aquaculture		Eishery(General) Regs 22(7) / Paragraphe 22(7) du Règlement de pêche (dispositions générales)			
Sec#/C.O.L.# / AGSP Art. n° / CDP n° : 4.3	Prevent entrapment to fish / wild life : function as interest					
Sec#/C.O.L.# / AQSF Art. n° / CDP n° 5. 8.1	2: STYROFORM -	Ensure sea	rely w			
Sec#/C.O.L.# / <b>AQSP</b> Art. n° / CDP n° <b>5</b> . <b>G</b> . <b>3</b>					sided degradas Conditions of Licence Stored on license de Permis de Permis de la los introductions de	
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Pêches et Océans Canada

Pacific Region 1520 Tamarac Street Campbell River, British Columbia V9W 3M5 Région du Pacifique 1520 Tamarac Street Campbell River (C.-B.) V9W 3M5

June 26, 2018

Block 421 Shellfish Ltd.

Dear Licence Holder:

Subject: Post Inspection Report; Licence #114354, Facility #87, Land file #0325943

Fisheries and Oceans Canada (the Department) conducted a site inspection of your facility on May 14 and 18, 2018. The purpose of this letter is to inform you of violations under the AQSF 114354 Conditions of Licence that were observed at the time of inspection.

In an effort to uphold the Department's commitment to accountable governance, violations referred to in this letter will form part of the performance history for your site and may be considered in response to violations identified in the future.

#### Violations Identified:

#### Condition of Licence Part B

7.3 The licence holder shall ensure that predator exclusion devices are constructed and maintained to prevent entrapment and avoid potential injury to fish species or wildlife; and to function as intended.

**Description of violation:** At the time of inspection, much of the predator netting was not functioning as intended as they were unmaintained, not laid flat or secured. Some of it was buried and brittle.

**Remediation:** The predator netting must be inspected and all predator netting found to be in need of maintenance should be maintained or removed. A significant amount of predator netting was found to be partially buried and brittle. All buried predator netting must be freed from the sediment and if still robust enough to continue to be employed,



laid out and secured flat. All predator netting that is degraded must be identified, removed and disposed of appropriately at an upland facility. Remediation measures must be completed by September 30, 2018.

**Please note:** Condition of Licence Part B 2.1 requires licence holders to "conduct inspections of equipment, installation methods... to ensure that equipment and structures are capable of functioning as intended in the environment where they are located...". Degraded aquaculture infrastructure and gear should be identified during this process and removed or upgraded as a best management practice.

**Please note:** Condition of Licence Part B 6.1 states "With the exception of Varnish clam, which may be retained, and licensed species as prescribed in 4.1(b), every person who catches a fish incidentally must immediately return it to the water in a manner that causes it the least harm.

"Incidental Catch" for the purposes of marine shellfish aquaculture means fish species that:

- (a) are not specifically named on the face of the aquaculture licence; and
- (b) set naturally, or become entrapped or entangled on aquaculture structures with the licensed species.

Unmaintained or improperly installed predator netting can result in the entrapment or entanglement of fish which would constitute a violation of the above condition. In addition, unmaintained or improperly installed predator netting can result in the killing of fish which constitutes violations under the *Fisheries Act* and *Regulations*.

Representative photos of this violation, taken while on site have been included below.



Photo 1: unmaintained predator netting

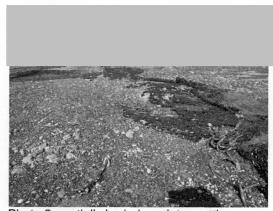


Photo 2: partially buried predator netting

#### Part B

8.1 The licence holder shall ensure that "Styrofoam" used for floatation is securely wrapped in containment material so as to remain intact. Any floatation material

that is degrading or is otherwise no longer in use shall be removed from the marine environment and disposed of at land-based facilities.

**Description of violation:** At the time of inspection, Styrofoam floats on raft structures were exposed due to the wrapping becoming loose and/or torn.

**Remediation:** All exposed Styrofoam needs to be removed from the site and disposed of at an upland facility and may not be returned to the marine environment. All exposed Styrofoam need to be removed by September 30, 2018. Replacement floats should be a non-Styrofoam durable option. Any Styrofoam taken out of the marine environment must be disposed of at land-based facilities.

A representative photo taken while on site of this violation has been included below.



Photo 3: exposed Styrofoam

#### Part B

8.3 The licence holder shall not store or leave any aquaculture equipment or structures on the licensed area unless the equipment or structures are in that location as part of an aquaculture activity and are affixed/secured so as not to move off the licensed area.

**Description of violation:** At the time of inspection, unsecured oyster trays were observed on rafts and predator netting was not secured to the substrate.

**Remediation required:** Oyster trays should be secured to the rafts or stored off site. Please deal with unsecured netting as per remediation above. Remediation measures must be completed by September 30, 2018.

A representative photo of this violation, taken while on site has been included below.

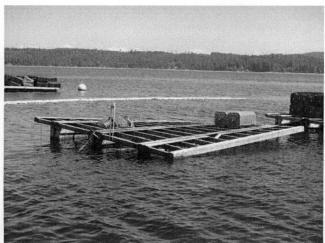


Photo 4: Unsecured oyster trays

8.4 The licence holder shall not introduce or cause or allow the introduction of aquaculture refuse (including but not limited to infrastructure, equipment and materials) into the environment in the course of conducting aquaculture activities.

**Description of violation:** At the time of inspection, aquaculture related refuse, in the form of unmaintained predator netting and fencing on the intertidal zone was observed.

**Remediation required:** Degraded aquaculture equipment/gear/infrastructure is considered refuse. All degraded aquaculture equipment/gear/infrastructure and any other refuse need to be removed from the site and disposed of at an upland facility. Remediation measures must be completed by September 30, 2018.

For photos of degraded aquaculture gear see photo 1 and 2 above showing unmaintained predator netting and retention fencing.

The Department must be notified when the remediation works are complete. Photographic images must be submitted to <a href="mailto:Shellfish.Aquaculture@dfo-mpo.gc.ca">Shellfish.Aquaculture@dfo-mpo.gc.ca</a> to verify that the remediation efforts were undertaken. Please ensure you include your facility reference number (87) in your e-mail subject line.

If you have any question or concerns regarding this matter please contact Shelley Jepps at <a href="mailto:Shelley.jepps@dfo-mpo.gc.ca">Shelley.jepps@dfo-mpo.gc.ca</a>.

Please note that this letter is not meant to suggest that a comprehensive assessment of ALL Conditions of Licence has been conducted and does not address conditions other than those specifically observed on the day of inspection. Nor does it preclude any

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potential charges laid by Fishery Officers in response to these or any further identified violations under the *Fisheries Act* and/or associated *Regulations*.

Sincerely,

**Shelley Jepps** 

Senior Shellfish Aquaculture Biologist | Biologiste principal de mollusque de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada | 1520 Tamarac Street | 1520 Tamarac Street | Campbell River, BC V9W 3M5 | Campbell River (C.-B.) V9W 3M5

Cc via e-mail: Compliance & Protection Aquaculture Unit Aquaculture Resource Management FLNRO (Licensing and Compliance) Page 37
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page 28

Document Released Under the Access to Information Act / Document divulgué en vertu de la Loi sur l'accès à l'information.

From:

Scott, Melinda on behalf of AOSF / AOSF (DFO/MPO)

To:

Cc:

AOSF / AOSF (DFO/MPO)

Subject:

DFO shellfish aquaculture facility: AQSF 453

Date:

June-28-18 14:00:08

Attachments:

Final Shellfish Inspection Letter to Grower 453 2401589.pdf

Warning Ticket AO0041-FRN453-TAYLOR SF CAN.pdf

DFO Shellfish Information Notice June 2018.pdf

Importance: High

Attention Aquaculture Licence Holder,

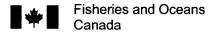
Please find attached important information regarding your DFO shellfish aquaculture facility: **AQSF 453**.

If you have any questions, please contact Aquaculture Resource Management: <a href="mailto:shellfish.aquaculture@dfo-mpo.gc.ca">shellfish.aquaculture@dfo-mpo.gc.ca</a>

#### Melinda Scott

Aquaculture Management Coordinator | Coordinatrice sénior - Gestion de l'aquaculture Fisheries Management | Direction des pêches

Aquaculture Management Division | Division de la gestion de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada Government of Canada | Gouvernement du Canada www.pac.dfo-mpo.gc.ca



Pêches et Océans Canada

Pacific Region 1520 Tamarac Street Campbell River, British Columbia V9W 3M5

Région du Pacifique 1520 Tamarac Street Campbell River (C.-B.) V9W 3M5

June 26, 2018

Taylor Shellfish Canada ULC 8260 South Island Highway Fanny Bay, British Columbia V0R 1W0

Dear Licence Holder:

Subject: Post Inspection Report; Licence #114467, Facility #453, Land file #2401589

Fisheries and Oceans Canada (the Department) conducted a site inspection of your facility on May 15, 2018. The purpose of this letter is to inform you of violations under the AQSF 114467 Conditions of Licence that were observed at the time of inspection.

In an effort to uphold the Department's commitment to accountable governance, violations referred to in this letter will form part of the performance history for your site and may be considered in response to violations identified in the future.

#### **Violations Identified:**

#### Part B

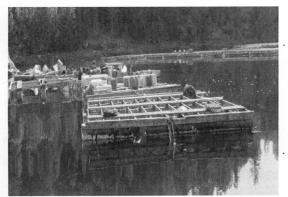
8.1 The licence holder shall ensure that "Styrofoam" used for floatation is securely wrapped in containment material so as to remain intact. Any floatation material that is degrading or is otherwise no longer in use shall be removed from the marine environment and disposed of at land-based facilities.

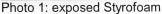
**Description of violation:** At the time of inspection, exposed Styrofoam was identified under 56 rafts/floats. Styrofoam was also being stored on site. This Styrofoam was not secured to the work surface.

**Remediation:** Floats with exposed Styrofoam need to be removed. Replacement floats should be a non-Styrofoam durable option. Styrofoam being stored until disposal must be secured to the work surface. All exposed Styrofoam needs to be removed from the site and disposed of at a land-based facility by September 30, 2018, and may not be returned to the marine environment.



Representative photos of this violation, taken while on site, have been included below.





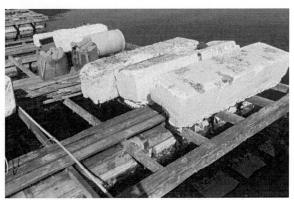


Photo 2: unsecured stored Styrofoam

#### Part B

8.3 The licence holder shall not store or leave any aquaculture equipment or structures on the licensed area unless the equipment or structures are in that location as part of an aquaculture activity and are affixed/secured so as not to move off the licensed area.

**Description of violation:** At the time of inspection in addition to the unsecured Styrofoam, there was aquaculture gear and equipment stacked on rafts and floats. Some of this gear was not unsecured.

**Remediation:** The Department requires that you remove or secure all gear/equipment. The French tubes need to be removed. Remediation measures must be completed by September 30, 2018.

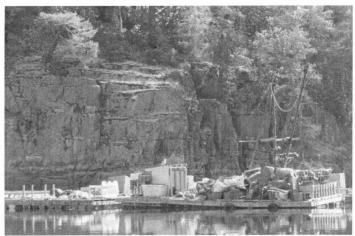


Photo 3: unsecured aquaculture gear/equipment/refuse

#### Part B

8.4 The licence holder shall not introduce or cause or allow the introduction of aquaculture refuse (including but not limited to infrastructure, equipment and materials) into the environment in the course of conducting aquaculture activities.

**Description of violation:** At the time of inspection, aquaculture related refuse, in the form of French tubes, was found scattered on the upper intertidal zone. The Management Plan for this shellfish aquaculture facility does not identify intertidal culture as a culture method occurring at the site

**Remediation required:** All degraded aquaculture equipment/gear/infrastructure and refuse need to be removed from the intertidal zone and associated marine riparian and disposed of at a land-based facility. The Department requires that you address the above concern by September 30, 2018.

A representative photo of this violation, taken while on site, has been included below.



Photo 4: French tubes on intertidal zone (note tubes below water line as well).

**Please note:** Condition of Licence Part B 2.1 requires licence holders to "conduct inspections of equipment, installation methods... to ensure that equipment and structures are capable of functioning as intended in the environment where they are located...". Degraded aquaculture infrastructure and gear should be identified during this process and removed or upgraded as a best management practice.

**Please note:** Section 36(3) of the *Fisheries Act* states "Subject to subsection (4), no person shall deposit or permit the deposit of a deleterious substance of any type in water frequented by fish or in any place under any conditions where the deleterious substance or any other deleterious substance that results from the deposit of the deleterious substance may enter any such water." At the time of inspection many

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sources of deleterious substances were identified. Prior to a violation occurring, please provide secondary containment for all potentially deleterious substances and employ all best management practices when storing and handling potentially deleterious substances. Please ensure you have appropriate spill response at your site.

The Department must be notified when the above remediation works are complete. Photographic images must be submitted to <u>Shellfish.Aquaculture@dfo-mpo.gc.ca</u> to verify that the remediation efforts were undertaken. Please ensure you include your facility reference number (453) in your e-mail subject line.

If you have any question or concerns regarding this matter please contact Shelley Jepps at Shelley.jepps@dfo-mpo.gc.ca.

Please note that this letter is not meant to suggest that a comprehensive assessment of ALL Conditions of Licence has been conducted and does not address conditions other than those specifically observed on the day of inspection. Nor does it preclude any potential charges laid by Fishery Officers in response to these or any further identified violations under the *Fisheries Act* and/or associated *Regulations*.

Sincerely,

**Shelley Jepps** 

Shelley Jepps

Senior Shellfish Aquaculture Biologist | Biologiste principal de mollusque de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada | 1520 Tamarac Street | 1520 Tamarac Street | Campbell River, BC V9W 3M5 | Campbell River (C.-B.) V9W 3M5

Cc via e-mail:

Compliance & Protection Aquaculture Unit

Aquaculture Resource Management FLNRO (Licensing and Compliance)

DVS#2018-02489

# Warning Ticket / Avertissement

Pursuant To The Federal Fisheries Act / En vertue de la Loi sur les pêches fédérale				
ssued to / Délivré à: TAMLOR SHE LLFISH CAM. ULC DN:				
Position / ARSF LILENCE HOLDER				
	MYLOR SHELLPISH			
Site Location / Emplacement du site:	NEST OF COOPE ICL, NU	<b>STREW</b>	ENEN-FRN#K153/LF240	21589
			To	
→ Marine Finfish /	Aquaculture Licence No. / N° de permis d'a	quacuiture	Species / Espèces	
Poissons marins				
Fresh Water / Pois- sons d'eau douce				
Shellfish / Fruits de mer	ARSF#114467			
Other / Autre				
	Description of violeties I	Description	de linforestare	<del>la la Sagara de proposições de la constanti</del>
	Description of violation /	Description	de l'infraction	A
Violation Date / Date de l'in	ifraction: MAY 15	-, 201E	3	· · · · ·
Regulation / Réglementation:	Pacific Aquaculture Regs / Règlement du Pacifique sur l'aquacultu	ıre	Fishery(General) Regs 22(7) / Paragraphe Règlement de pêche (dispositions général	e 22(7) du lles)
Sec#/C.O.L.# / DADSF Art. n° / CDP n°: 5-8.1	O.L.#/ ARSF 1: STYROFORM - Ensure securely wrapped. Unused/ OP 10:5.8.1 degrading floatable material removed; disposed		COL	
Sec#/C.O.L.# / ARSF Art. n° / CDP n°:5.8.3	2: STORAGE (SECURE - Egy	Lipmen	L/Aruchure not stored on a agraculture ? affixed tec	= Cond
Sec#/C.O.L.# / PrQSF Art. n° / CDP n°: 5.9.4	2: STOCACE (SECURE-Equipment /2 1: Concid area unless used in a 3: Agunculture lepuse-Not intro 0 faquaculture repuse into en 4:		trocluce/causi/allowinhode	Conditions of Conditions de
Sec#/C.O.L.# / Art. n° / CDP n°:	4:			Permis
You are required to come into  compliance with the regulations. /  Vous êtes tenu de vous conformer à la  réglementation.  This warning does not preclude Fisheries and Oc other action that it may consider appropriate in th En plus du présent avertissement, Pêches et Océ pourra prendre toute autre mesure qu'il jugera ap tenu des circonstances.			nat it may consider appropriate in the circum ésent avertissement, Pêches et Océans Car e toute autre mesure qu'il jugera appropriée	nstances. / nada
12 WANDE #9000 DAN 21 Ch				
Name and Number of Fishery Officer / Guardian Nom et numéro de		Signatura		
l'agent des pêches ou du garde-pêche: Signature Signature:				
Name of recipient / Nom du destinataire: Signatu			Signature:	
JUNE 27, 2018				
Date of issue / Date de délivrance:		Time of issue	e / Heure de délivrance:	

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From:

Scott, Melinda on behalf of AOSF / AOSF (DFO/MPO)

To: Cc:

AQSF / AQSF (DFO/MPO)

Subject:

DFO shellfish aquaculture facility: AQSF 497

Date:

June-28-18 15:30:06

Attachments:

Final Shellfish Inspection Letter to Grower 497 2402022.pdf

Warning Ticket AO0043-FRN497-LUCKY 2S OYSTER.pdf DFO Shellfish Information Notice June 2018.pdf

Seabed Survey and Cleanup Instructions.pdf

Importance:

High

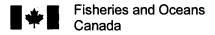
Attention Aquaculture Licence Holder,

Please find attached important information regarding your DFO shellfish aquaculture facility: **AQSF 497**.

If you have any questions, please contact Aquaculture Resource Management: <a href="mailto:shellfish.aquaculture@dfo-mpo.gc.ca">shellfish.aquaculture@dfo-mpo.gc.ca</a>

#### **Melinda Scott**

Aquaculture Management Coordinator | Coordinatrice sénior - Gestion de l'aquaculture Fisheries Management | Direction des pêches
Aquaculture Management Division | Division de la gestion de l'aquaculture
Fisheries and Oceans Canada | Pêches et Océans Canada
Government of Canada | Gouvernement du Canada
www.pac.dfo-mpo.gc.ca



Pêches et Océans Canada

Pacific Region 1520 Tamarac Street Campbell River, British Columbia V9W 3M5 Région du Pacifique 1520 Tamarac Street Campbell River (C.-B.) V9W 3M5

June 27, 2018

Lucky 2's Oyster Co. Ltd. PO Box 233 Heriot Bay, British Columbia V0P 1H0

Dear Licence Holder:

Subject: Post Inspection Report; Licence #114171, Facility #497, Land file #2402022

Fisheries and Oceans Canada (the Department) conducted a site inspection of your facility on May 16 and 17, 2018. The purpose of this letter is to inform you of violations under the AQSF 114171 Conditions of Licence that were observed at the time of inspection.

In an effort to uphold the Department's commitment to accountable governance, violations referred to in this letter will form part of the performance history for your site and may be considered in response to violations identified in the future.

#### **Violations Identified:**

#### Condition of Licence Part B

8.1 The licence holder shall ensure that "Styrofoam" used for floatation is securely wrapped in containment material so as to remain intact. Any floatation material that is degrading or is otherwise no longer in use shall be removed from the marine environment and disposed of at land-based facilities.

**Description of violation:** At the time of inspection, there was very little suspended infrastructure on site, however, exposed Styrofoam was identified due to a degraded piece of plastic wrapping.

**Remediation:** Floats with exposed Styrofoam need to be removed. Replacement floats should be a non-Styrofoam durable option. All exposed Styrofoam needs to be removed from the site and disposed of at a land-based facility and may not be returned to the marine environment. Remediation measures must be completed by September 30, 2018.



A representative photo of this violation, taken while on site, has been included below.

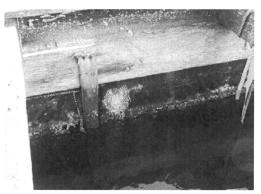


Photo 1: exposed Styrofoam (plastic wrap degrading).

#### Part B

8.3 The licence holder shall not store or leave any aquaculture equipment or structures on the licensed area unless the equipment or structures are in that location as part of an aquaculture activity and are affixed/secured so as not to move off the licensed area.

**Description of violation:** At the time of inspection, unsecured stacks of trays were observed on rafts.

**Remediation:** Unsecured gear or equipment needs to be secured or removed. Remediation measures must be completed by September 30, 2018.

A representative photo of this violation, taken while on site, has been included below.



Photo 2: unsecured aquaculture gear/equipment

8.4 The licence holder shall not introduce or cause or allow the introduction of aquaculture refuse (including but not limited to infrastructure, equipment and materials) into the environment in the course of conducting aquaculture activities.

**Description of violation:** At the time of inspection, aquaculture related refuse, in the form of Styrofoam, degraded vexar bags, French tubes, black plastic pipes, and circular trays, was found scattered on the intertidal zone and marine riparian. A remotely operated vehicle was deployed and oyster trays, netting and pipes were found on the seabed.

**Remediation required:** All degraded aquaculture equipment/gear/infrastructure and refuse need to be removed from the intertidal zone, associated marine riparian and seabed. All refuse needs to be disposed of at a land-based facility. The Department requires that you address the above concern by September 30, 2018.



Photo 1: Styrofoam in saltmarsh



Photo 2: degrading vexar bags

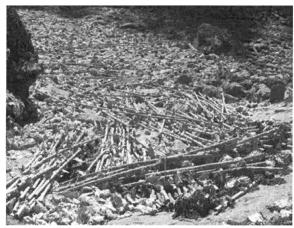


Photo 3: unmaintained/degrading French tubes



Photo 4: circular trays in marine riparian

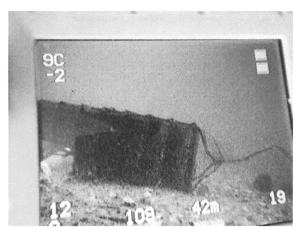


Photo 5: stack of trays on seabed

**Please note:** Condition of Licence Part B 2.1 requires licence holders to "conduct inspections of equipment, installation methods... to ensure that equipment and structures are capable of functioning as intended in the environment where they are located...". Degraded aquaculture infrastructure and gear should be identified during this process and removed or upgraded as a best management practice.

The Department must be notified when the above remediation works are complete. Photographic images must be submitted to <a href="mailto:Shellfish.Aquaculture@dfo-mpo.gc.ca">Shellfish.Aquaculture@dfo-mpo.gc.ca</a> to verify that the remediation efforts were undertaken. As an underwater, on-bottom cleanup is required please submit a cleanup survey report. For instructions on how to complete such a survey and report, please refer to the section titled "Seabed Survey and Cleanup Instructions for Subtidal Shellfish Aquaculture Sites". Please ensure you include your facility reference number (497) in your e-mail subject line.

If you have any question or concerns regarding this matter please contact Shelley Jepps at Shelley.jepps@dfo-mpo.gc.ca.

Please note that this letter is not meant to suggest that a comprehensive assessment of ALL Conditions of Licence has been conducted and does not address conditions other than those specifically observed on the day of inspection. Nor does it preclude any potential charges laid by Fishery Officers in response to these or any further identified violations under the *Fisheries Act* and/or associated *Regulations*.

Sincerely,

Shelley Jepps

Senior Shellfish Aquaculture Biologist | Biologiste principal de mollusque de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada

1520 Tamarac Street | 1520 Tamarac Street

Shelley Jepps

Campbell River, BC V9W 3M5| Campbell River (C.-B.) V9W 3M5

Document Released Under the Access to Information Act / Document divulgué en vertu de la Loi sur l'accès à l'information.

Attach: Instructions for cleanup of seabed beneath suspended aquaculture tenures 2018

Cc: Compliance & Protection Aquaculture Unit Aquaculture Resource Management FLNRO (Licensing and Compliance)



# DNS#2018-03793

## Warning Ticket / Avertissement

Pursua	nt To The Federal Fisheries Act / E	n vertue d	le la Loi sur les pêches fédérale	
Issued to / Délivré à: Lucky	2's Ouster (o LTD.	D.O.B / DN;		7
	tast licence how	per		
Company Name / Nom de l'entreprise:	Lucky 2's Oysner	ره، لح	D.	
Site Location / Emplacement du site:	JOYLE POENT, WEST	LEON	504 ISL-FRN#497/LF24020	D:
	Aquaculture Licence No. / N* de permis d'aq	uaculture	Species / Espèces	٦
Marine Finfish / Poissons marins				
Fresh Water / Poissons d'eau douce				
Shellfish / Fruits de mer	AQSF#114171			7
Other / Autre				
	Description of violation / F	Paraciption d	a Pinforation	_ ¬
	Description of violation / [		e infraction	4
Violation Date / Date de l'in	nfraction: MAY 16, 2	) ८। ८		
Regulation / Réglementation:	Pacific Aquaculture Regs / Règlement du Pacifique sur l'aquacultur	re	Fishery(General) Regs 22(7) / Paragraphe 22(7) du Règlement de pêche (dispositions générales)	
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compliance with the regulations. / other action that it may consider appropriately vous êtes tenu de vous conformer à la En plus du présent avertissement, Pêches			pes not preclude Fisheries and Oceans taking any t it may consider appropriate in the circumstances. ent avertissement, Pêches et Océans Canada toute autre mesure qu'il jugera appropriée compte stances.	,
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From:

Scott, Melinda on behalf of AOSF / AOSF (DFO/MPO)

To: Cc:

AOSF / AOSF (DFO/MPO)

Subject:

DFO shellfish aquaculture facility: AQSF 962

Date:

June-28-18 15:50:43

Attachments:

DFO Shellfish Information Notice June 2018.pdf

Final Shellfish Inspection Letter to Grower 962 0153019.pdf

Warning Ticket AQ0044-FRN962-TAYLOR SF CANADA.pdf

Importance:

Attention Aquaculture Licence Holder,

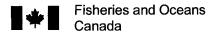
Please find attached important information regarding your DFO shellfish aquaculture facility: AQSF 962.

If you have any questions, please contact Aquaculture Resource Management: shellfish.aquaculture@dfo-mpo.gc.ca

#### Melinda Scott

Aquaculture Management Coordinator | Coordinatrice sénior - Gestion de l'aquaculture Fisheries Management | Direction des pêches

Aquaculture Management Division | Division de la gestion de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada Government of Canada | Gouvernement du Canada www.pac.dfo-mpo.gc.ca



Pêches et Océans Canada

Pacific Region 1520 Tamarac Street Campbell River, British Columbia V9W 3M5 Région du Pacifique 1520 Tamarac Street Campbell River (C.-B.) V9W 3M5

June 26, 2018

Taylor Shellfish Canada ULC 8260 South Island Highway Fanny Bay, British Columbia V0R 1W0

Dear Licence Holder:

Subject: Post Inspection Report; Licence #114299, Facility #962, Land file #0159019

Fisheries and Oceans Canada (the Department) conducted a site inspection of your facility on May 18, 2018. The purpose of this letter is to inform you of violations under the AQSF 114299 Conditions of Licence that were observed at the time of inspection.

In an effort to uphold the Department's commitment to accountable governance, violations referred to in this letter will form part of the performance history for your site and may be considered in response to violations identified in the future.

#### Violations Identified:

#### Part B

- 8.4 The licence holder shall not introduce or cause or allow the introduction of aquaculture refuse (including but not limited to infrastructure, equipment and materials) into the environment in the course of conducting aquaculture activities.
- **Description of violation:** At the time of inspection, aquaculture related refuse, in the form of frayed and worn blue poly rope, vexar bags, and unmaintained degraded vexar fencing was found scattered on the intertidal zone.
- Remediation required: All degraded aquaculture equipment/gear/infrastructure and refuse need to be removed from the intertidal zone and associated marine riparian and disposed of at a land-based facility. Remediation measures must be completed by September 30, 2018.





Photo 1: Blue poly rope on intertidal zone.

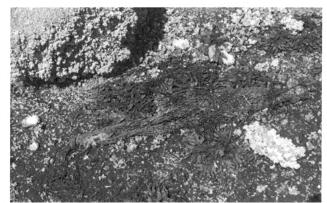


Photo 2: Vexar bag on intertidal zone.



Photo 3: Oysters growing through mesh bag



Photo 4: Unmaintained vexar fencing

**Please note:** Condition of Licence Part B 2.1 requires licence holders to "conduct inspections of equipment, installation methods... to ensure that equipment and structures are capable of functioning as intended in the environment where they are located...". Degraded aquaculture infrastructure and gear should be identified during this process and removed or upgraded as a best management practice.

Document Released Under the Access to Information Act / Document divulgué en vertu de la Loi sur l'accès à l'information.

The Department must be notified when the above remediation works are complete. Photographic images must be submitted to <a href="mailto:Shellfish.Aquaculture@dfo-mpo.gc.ca">Shellfish.Aquaculture@dfo-mpo.gc.ca</a> to verify that the remediation efforts were undertaken. Please ensure you include your facility reference number (962) in your e-mail subject line.

If you have any question or concerns regarding this matter please contact Shelley Jepps at <a href="mailto:Shelley.jepps@dfo-mpo.gc.ca">Shelley.jepps@dfo-mpo.gc.ca</a>.

Please note that this letter is not meant to suggest that a comprehensive assessment of ALL Conditions of Licence has been conducted and does not address conditions other than those specifically observed on the day of inspection. Nor does it preclude any potential charges laid by Fishery Officers in response to these or any further identified violations under the *Fisheries Act* and/or associated *Regulations*.

Sincerely,

**Shelley Jepps** 

Shelley Jepps

Senior Shellfish Aquaculture Biologist | Biologiste principal de mollusque de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada | 1520 Tamarac Street | 1520 Tamarac Street | Campbell River, BC V9W 3M5 | Campbell River (C.-B.) V9W 3M5

Cc via e-mail:

Compliance & Protection Aquaculture Unit

Aquaculture Resource Management FLNRO (Licensing and Compliance)



Warning Ticket / Avertissement

### DVS #2018-03999

### Pursuant To The Federal Fisheries Act / En vertue de la Loi sur les pêches fédérale

r disdant 10 the redefait ishelies Act / En vertue de la Loi sui les peciles lederale				
Issued to / D.O.B / Delivré à: TAYLOR SE CAMPOR ULC DN:				
Position / Poste: AQSF LICENCE HOLDER				
Company Name / Nom de l'entreprise:	MAYLOR SHELLFISH	H CAN'T	top ull	
Site Location / Emplacement du site:	ENRU BAY, DENMAN	JEL, E	644NES-FRN#962/LF0189	1019
	Aquaculture Licence No. / N° de permis d'	anuacultura	Species / Espèces	
Marine Finfish / Poissons marins	, and a second s		apaded / Especies	
Fresh Water / Poissons d'eau douce				
Shellfish / Fruits de mer	AQSF # 114299			
Other / Autre				
	Description of violation	/ Description	de l'infraction	
	_	· · · · · · · · · · · · · · · · · · ·		
Violation Date / Date de l'inf	fraction: MAY	18,201		
Regulation / Réglementation:			Eishery(General) Regs 22(7) / Paragraphe 22(7) Règlement de pêche (dispositions générales)	du
Sec#/C.O.L.# / AQSF Art. n° / CDP n°:5.8.4	Housewire Defuse	ture re	moduce /cause/allow	
	2:			<u>'   "                                  </u>
Sec#/C.O.L.# / Art. n° / CDP n°:	3:		Conditions de Permis	itions of
Sec#/C.O.L.# / Art. n° / CDP n°:	4:			Conditions of Licence
compliance with the regulations. / other Vous êtes tenu de vous conformer à la réglementation.		ther action tha in plus du pré	oes not preclude Fisheries and Oceans taking an at it may consider appropriate in the circumstance sent avertissement, Pèches et Océans Canada toute autre mesure qu'il jugera appropriée comp estances.	es. /
Name and Number of Fishery Officer / Guardian Nom et numéro de			Modele	
l'agent des pêches ou du ga	arde-pêche:	Signature / S	ignature:	
Name of recipient / Nom du destinataire:		Signature / S	ignature:	
Date of issue / Date de délivrance:  Time of issue / Heure de délivrance:				
Date of issue / Date de délivrance:/		Time of issue	/ Heure de délivrance:	

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Document Released Under the Access to Information Act / Document divulgué en vertu de la Loi sur l'accès à l'information.

From:

Scott, Melinda on behalf of AOSF / AOSF (DFO/MPO)

To:

Cc:

AOSF / AOSF (DFO/MPO)

Subject:

DFO shellfish aquaculture facility: AQSF 931

Date:

June-28-18 14:47:48

Attachments:

DFO Shellfish Information Notice June 2018.pdf

Final Shellfish Inspection Letter to Grower 931 027874.pdf Warning Ticket AO003840-FRN931-ISLAND SEA FARMS.pdf

Importance: High

Attention Aquaculture Licence Holder,

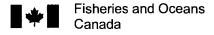
Please find attached important information regarding your DFO shellfish aquaculture facility: AQSF 931.

If you have any questions, please contact Aquaculture Resource Management: shellfish.aquaculture@dfo-mpo.gc.ca

#### Melinda Scott

Aquaculture Management Coordinator | Coordinatrice sénior - Gestion de l'aquaculture Fisheries Management | Direction des pêches

Aquaculture Management Division | Division de la gestion de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada Government of Canada | Gouvernement du Canada www.pac.dfo-mpo.gc.ca



Pacific Region 1520 Tamarac Street Campbell River, British Columbia V9W 3M5 Pêches et Océans Canada

Région du Pacifique 1520 Tamarac Street Campbell River (C.-B.) V9W 3M5

June 25, 2018

Island Sea Farms Inc. Box 3166 Courtenay, BC V9N 5N4

Dear Licence Holder:

Subject: Post Inspection Report; Licence #114293, Facility #931, Land file #1403059

Fisheries and Oceans Canada (the Department) conducted a site inspection of your facility on May 29, 2018. The purpose of this letter is to inform you of violations under the AQSF 114293 Conditions of Licence that were observed at the time of inspection.

In an effort to uphold the Department's commitment to accountable governance, violations referred to in this letter will form part of the performance history for your site and may be considered in response to violations identified in the future.

#### Violations Identified:

#### **Condition of Licence Part B**

6.1 With the exception of Varnish clam, which may be retained, and licensed species as prescribed in 4.1(b), every person who catches a fish incidentally must immediately return it to the water in a manner that causes it the least harm.

"Incidental Catch" for the purposes of marine shellfish aquaculture means fish species that:

- (a) are not specifically named on the face of the aquaculture licence; and
- (b) set naturally, or become entrapped or entangled on aquaculture structures with the licensed species.

**Description of violation:** At the time of inspection, numerous red rock crabs fish were caught in and under unmaintained predator netting.



#### Condition of Licence Part B

7.3 The licence holder shall ensure that predator exclusion devices are constructed and maintained to prevent entrapment and avoid potential injury to fish species or wildlife; and to function as intended.

**Description of violation:** At the time of inspection, as noted above several red rock crabs were entrapped and killed as a result of the predator netting. The predator exclusion devices were not functioning as intended as evidenced by the number of red rock crabs found under the predator netting. The predator netting was not maintained; they were ripped, brittle, degrading, balled up and partially buried. A panel of suspended predator netting was found to be sagging, creating a hole through which marine or wildlife could enter creating a possible trap.

#### Remediation:

- The existing intertidal predator exclusion netting must be removed from the intertidal area. Should you decide that reapplication of predator netting be in your company's best interest please ensure it is properly deployed and maintained.
- 2. The suspended predator netting should be inspected and where in need of maintenance repaired or removed.

Please note: Condition of Licence Part B 2.1 requires licence holders to "conduct inspections of equipment, installation methods... to ensure that equipment and structures are capable of functioning as intended in the environment where they are located...". Degraded aquaculture infrastructure and gear should be identified during this process and removed or upgraded as a best management practice.

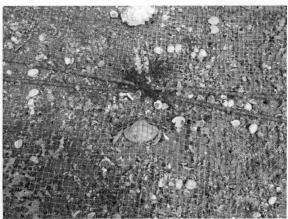


Photo 1: red rock crab trapped under predator net.



Photo 2: embedded predator net



Photo 3: suspended predator netting not functioning as intended.

#### Part B

8.1 The licence holder shall ensure that "Styrofoam" used for floatation is securely wrapped in containment material so as to remain intact. Any floatation material that is degrading or is otherwise no longer in use shall be removed from the marine environment and disposed of at land-based facilities.

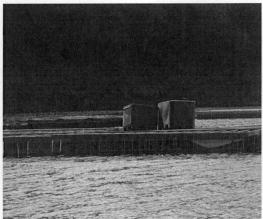
**Description of violation:** At the time of inspection, Styrofoam under a raft structure was exposed due to the wrap coming loose. A large amount of Styrofoam was being stored on site. This Styrofoam was not secured to the work surface.

#### Part B

8.3 The licence holder shall not store or leave any aquaculture equipment or structures on the licensed area unless the equipment or structures are in that location as part of an aquaculture activity and are affixed/secured so as not to move off the licensed area.

**Description of violation:** At the time of inspection, unsecured Styrofoam was stacked on a work float.

**Remediation:** Floats with exposed Styrofoam need to be removed. Replacement floats should be a non-Styrofoam durable option. Styrofoam being stored until disposal must be secured to the work surface. All exposed Styrofoam needs to be removed from the site and disposed of at a land-based facility and may not be returned to the marine environment by September 30, 2018.



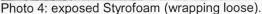




Photo 5: unsecured, stored Styrofoam

### Part B

8.4 The licence holder shall not introduce or cause or allow the introduction of aquaculture refuse (including but not limited to infrastructure, equipment and materials) into the environment in the course of conducting aquaculture activities.

**Description of violation:** At the time of inspection, aquaculture related refuse, in the form of unmaintained predator netting, buried intertidal pouches, degrading French tubes and brittle oyster trays were observed on the intertidal zone.

Remediation required: All degraded aquaculture equipment/gear/infrastructure and refuse need to be removed from the site and disposed of at a land-based facility. The Department requires that you address the above concern by September 30, 2018.





Photo 7 and Photo 8: refuse on licensed area

Please note: Section 36(3) of the *Fisheries Act* states "Subject to subsection (4), no person shall deposit or permit the deposit of a deleterious substance of any type in water frequented by fish or in any place under any conditions where the deleterious substance or any other deleterious substance that results from the deposit of the deleterious substance may enter any such water." At the time of inspection many sources of deleterious substances were identified. Prior to a violation occurring, please provide secondary containment for all potentially deleterious substances and employ all best management practices when storing and handling potentially deleterious substances. Please ensure you have appropriate spill response at your site.

The Department must be notified when the above remediation works are complete. Photographic images must be submitted to <u>Shellfish.Aquaculture@dfo-mpo.gc.ca</u> to verify that the remediation efforts were undertaken. Please ensure you include your facility reference number (931) in your e-mail subject line.

If you have any question or concerns regarding this matter please contact Shelley Jepps at <a href="mailto:Shelley.jepps@dfo-mpo.gc.ca">Shelley.jepps@dfo-mpo.gc.ca</a>.

Please note that this letter is not meant to suggest that a comprehensive assessment of ALL Conditions of Licence has been conducted and does not address conditions other than those specifically observed on the day of inspection. Nor does it preclude any potential charges laid by Fishery Officers in response to these or any further identified violations under the *Fisheries Act* and/or associated *Regulations*.

Sincerely,

Shelley Jepps

Shelley Jepps

Senior Shellfish Aquaculture Biologist | Biologiste principal de mollusque de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada 1520 Tamarac Street | 1520 Tamarac Street Campbell River, BC V9W 3M5| Campbell River (C.-B.) V9W 3M5

Cc:

Via e-mail: Compliance & Protection Aquaculture Unit

Aquaculture Resource Management FLNRO (Licensing and Compliance)

DVS#2018-62729

# Warning Ticket / Avertissement

Pursuant To The Federal Fisheries Act / En vertue de la Loi sur les pêches fédérale				
issued to / ISLAN	OD SEA FATEMS INC.	D.O.B / DN:		
Position / Poste:				
Company Name / Nom de l'entreprise:	ISLAND SEA FARMS	Inic.	BC#0928297	
Site Location / Emplacement du site: G	DRUTE HARBOUR, CORTE	SISLA	mn - FRN#931 /LF#140305	7
	Aquaculture Licence No. / N° de permis d'ac	quaculture	Species / Espèces	
Marine Finfish / Polssons marins		-		
Fresh Water / Poissons d'eau douce				
Shellfish / Fruits de mer	AQSF #114293			
Other / Autre				
	Description of violation /	Description	de l'infraction	
Violation Date / Date de l'in	fraction: MAY 29,	3018		
Regulation / Réglementation:	Pacific Aquaculture Regs / Règlement du Pacifique sur l'aquacultu	re	Fishery(General) Regs 22(7) / Paragraphe 22(7) Règlement de pêche (dispositions générales)	du
Sec#/C.O.L.# / #QSP Art. n° / CDP n° 5.6.1	"Incidental CATCH-Must immed in manner that causes least i		dakly return it to water	COL
Sec#/C.O.L.# / AQSF Art. n° / CDP n°:5.7.3	2: PREDMON EXCUSSION DENTERS - C Prevent ontapment to fish 100		Constructed/maintained to 18	
Sec#/C.O.L.# / <b>AQSF</b> Art. n° / CDP n°: <b>s. %.1</b>	3 STUROFORM- Ensurely securely arapped. Ur - Floatation material removed 1 disposed		wrapped. Unused/degrady	3   3
Sec#/C.O.L.# / <b>PQSF</b> Art. n° / CDP n°: <b>5.6.4</b>		ntrodu	a/cause/allow, trocheshin	of Licence
You are required to come into  compliance with the regulations. /  Vous êtes tenu de vous conformer à la réglementation.  This warning does not preclude Fisheries and Oceans taking any other action that it may consider appropriate in the circumstances.  En plus du présent avertissement, Pêches et Océans Canada pourra prendre toute autre mesure qu'il jugera appropriée compte tenu des circonstances.			es. /	
LWALPE Name and Number of Fisher	#9000 ery Officer / Guardian Nom et numéro de	V	Blivala	
l'agent des pêches ou du g		Signature / 9	ignature:	
Name of recipient / Nom du	destinataire:	Signature / S	ignature:	
JUNE	27,2018			
Date of issue / Date de déli	vrance:	Time of issue	e / Heure de délivrance:	]



# PEFEO - 8106 #2VE

# Warning Ticket / Avertissement

Pursuant To The Federal Fisheries Act / En vertue de la Loi sur les pêches fédérale			
Issued to / Délivré à: JSLM	ND SEA FARMS INC	D.O.B / DN:	
Position /		IDN.	
Poste: Company Name / Nom			
de l'entreprise:	ISLAND SEA FAT	ems the	
Site Location / Emplacement du site: C	torge Harrowr, co	XITES ISLAND FRA #937/15/403059	
	Aquaculture Licence No. / N° de permis d'ac	quaculture Species / Espèces	
Marine Finfish / Poissons marins			
Fresh Water / Poissons d'eau douce			
Shellfish / Fruits de mer	ARSF#114293		
Other / Autre			
	Description of violation / I	Description de l'infraction	
Violation Date / Date de l'in	10,1 30 20		
Regulation / Réglementation:	Pacific Aquaculture Regs / Règlement du Pacifique sur l'aquacultu	Eishery(General) Regs 22(7) / Paragraphe 22(7) du Règlement de pêche (dispositions générales)	
Sec#/C.O.L.# / AQSF Art. n° / CDP n°:5.9.3	"EQUIPMENT/STENCTURE	culture : affixed / secure	
Sec#/C.O.L.# / Art. n° / CDP n°:	2:	= Cond	
Sec#/C.O.L.# / Art. n° / CDP n°:	3:	Conditions of Licency Conditions de Permis	
Sec#/C.O.L.# / Art. n° / CDP n°:	4:	Conditions of Licence Conditions de Permis	
You are required to compliance with the reg Vous êtes tenu de vous réglementation.	ulations. / oth conformer à la En	is warning does not preclude Fisheries and Oceans taking any ner action that it may consider appropriate in the circumstances. / plus du présent avertissement, Pêches et Océans Canada urra prendre toute autre mesure qu'il jugera appropriée compte nu des circonstances.	
Name and Number of Fishery Officer / Guardian Nom et numéro de fagent des pêches ou du garde-pêche:  Signature / Signature:		Signature / ignature:	
Name of recipient / Nom d	u destinataire:	Signature / Signature:	
ナルモ Date of issue / Date de dé	77 2018	Time of issue / Heure de délivrance:	

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Document Released Under the Access to Information Act / Document divulgué en vertu de la Loi sur l'accès à l'information.

From:

Scott, Melinda on behalf of AOSF / AOSF (DFO/MPO)

To:

"theodosiaseafoods@gmail.com"

Cc:

AQSF / AQSF (DFO/MPO)

Subject: Date: DFO shellfish aquaculture facility: AQSF 327

Attachments:

June-29-18 14:18:15 Final Shellfish Inspection Letter to Grower 327 2400639.pdf

Warning TicketAO0089-FRN327-THEODOSIA SF.pdf

DFO Shellfish Information Notice June 2018.pdf

Importance:

High

Attention Aquaculture Licence Holder,

Please find attached important information regarding your DFO shellfish aquaculture facility: **AQSF 327**.

If you have any questions, please contact Aquaculture Resource Management: <a href="mailto:shellfish.aquaculture@dfo-mpo.gc.ca">shellfish.aquaculture@dfo-mpo.gc.ca</a>

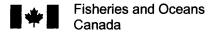
#### Melinda Scott

Aquaculture Management Coordinator | Coordinatrice sénior - Gestion de l'aquaculture Fisheries Management | Direction des pêches

Aquaculture Management Division | Division de la gestion de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada Government of Canada | Gouvernment du Canada |

www.pac.dfo-mpo.gc.ca

Document Released Under the Access to Information Act / Document divulgué en vertu de la Loi sur l'accès à l'information.



Pêches et Océans Canada

Pacific Region 1520 Tamarac Street Campbell River, British Columbia V9W 3M5 Région du Pacifique 1520 Tamarac Street Campbell River (C.-B.) V9W 3M5

June 28, 2018

Theodosia Seafoods Inc.

Dear Licence Holder:

Subject: Post Inspection Report; Licence #114618, Facility #327, Land file #2400639

Fisheries and Oceans Canada (the Department) conducted a site inspection of your facility on May 15 and 17, 2018. The purpose of this letter is to inform you of violations under the AQSF 114618 Conditions of Licence that were observed at the time of inspection.

In an effort to uphold the Department's commitment to accountable governance, violations referred to in this letter will form part of the performance history for your site and may be considered in response to violations identified in the future.

#### **Violations Identified:**

#### Condition of Licence Part B

8.1 The licence holder shall ensure that "Styrofoam" used for floatation is securely wrapped in containment material so as to remain intact. Any floatation material that is degrading or is otherwise no longer in use shall be removed from the marine environment and disposed of at land-based facilities.

**Description of violation:** At the time of inspection, exposed Styrofoam floats were identified under a work float.

**Remediation:** All exposed Styrofoam needs to be removed from the site and disposed of at an upland facility and may not be returned to the marine environment. Replacement floats should be a non-Styrofoam durable option. Any Styrofoam taken out of the marine environment must be disposed of at land-based facilities. Remediation measures must be completed by September 30, 2018.



8.3 The licence holder shall not store or leave any aquaculture equipment or structures on the licensed area unless the equipment or structures are in that location as part of an aquaculture activity and are affixed/secured so as not to move off the licensed area.

**Description of violation:** At the time of inspection, unsecured oyster trays were observed on the intertidal zone.

**Remediation required:** Oyster trays are not typical intertidal shellfish aquaculture gear and should be removed. Not only will they degrade and contribute to debris, they also pose a hazard for entrapment to marine fish during receding tides. Remediation measures must be completed by September 30, 2018.

A representative photo of the violation, taken while on site, is included below.



Photo 1: unsecured oyster trays in the intertidal zone

8.4 The licence holder shall not introduce or cause or allow the introduction of aquaculture refuse (including but not limited to infrastructure, equipment and materials) into the environment in the course of conducting aquaculture activities.

**Description of violation:** At the time of inspection aquaculture related refuse, in the form of plastic oyster trays, vexar bags, metal baskets and other miscellaneous aquaculture related materials, was found scattered on the intertidal and marine riparian zones.

**Remediation required:** All degraded aquaculture equipment/gear/infrastructure and refuse need to be removed from the intertidal zone and associated marine riparian and disposed of at a land-based facility. Remediation measures must be completed by September 30, 2018.



Photo 2: Miscellaneous aquaculture debris in intertidal zone



Photo 3: Miscellaneous aquaculture debris in marine riparian

Please note: Condition of Licence Part B 2.1 requires licence holders to "conduct inspections of equipment, installation methods... to ensure that equipment and structures are capable of functioning as intended in the environment where they are located...". Degraded aquaculture infrastructure and gear or infrastructure and gear in need of maintenance should be identified during this process and maintained, removed or upgraded as a best management practice.

The Department must be notified when the above remediation works are complete. Photographic images must be submitted to Shellfish.Aquaculture@dfo-mpo.gc.ca to verify that the remediation efforts were undertaken. Please ensure you include your facility reference number (991) in your e-mail subject line.

If you have any question or concerns regarding this matter please contact Shelley Jepps at Shelley.jepps@dfo-mpo.gc.ca.

Please note that this letter is not meant to suggest that a comprehensive assessment of ALL Conditions of Licence has been conducted and does not address conditions other than those specifically observed on the day of inspection. Nor does it preclude any potential charges laid by Fishery Officers in response to these or any further identified violations under the Fisheries Act and/or associated Regulations.

Sincerely,

Shelley Jepps

Senior Shellfish Aquaculture Biologist | Biologiste principal de mollusque de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada 1520 Tamarac Street | 1520 Tamarac Street

Shelley Jepps

Campbell River, BC V9W 3M5| Campbell River (C.-B.) V9W 3M5

Cc: Compliance & Protection Aquaculture Unit Aquaculture Resource Management

FLNRO (Licensing and Compliance)



# Warning Ticket / Avertissement

# DE010-8102/5/16

Pursuant To The Federal Fisheries Act / En vertue de la Loi sur les pêches fédérale			
Issued to / Délivré à: THEODOSTA SEAFOOOS INC. DN:			
Position / Poste: AREF LICENCE HOLDERS			
Company Name / Nom de l'entreprise:	THEODOSTA SEAFOODS	Inc.	
Site Location / Emplacement du site:	SW THEODOSEA INLET -1	72N#327/LF2400639	
	Aquaculture Licence No. / N° de permis d'aquacultu	re Species / Espèces	
Marine Finfish / Polssons marins	1		
Fresh Water / Poissons d'eau douce			
Shellfish / Fruits de mer	AQSF#114618		
Other / Autre			
	Description of violation / Descrip	tion de l'infraction	
	Description of Violation / Descrip	don de i imaction	
Violation Date / Date de l'in	fraction: MAY 15/17	,2018	
Regulation / Réglementation:	Pacific Aquaculture Regs / Règlement du Pacifique sur l'aquaculture	Fishery(General) Regs 22(7) / Paragraphe 22(7) du Règlement de pêche (dispositions générales)	
Sec#/C.O.L.# / <b>AQ&amp;F</b> Art. n° / CDP n°: <b>5-8.</b> [	1: 5TMEOFORM - Ensure secure Rootamin material remove	h wrompred Unused/degradif	
Sec#/C.O.L.# / AQSF Art. n° / CDP n°: ≤ -8.3	ETORAGE/SECULE - Equipme		
Sec#/C.O.L.# / AGSP Art. n° / CDP n°:	"Browner / Secure - Equipment / Structure not stored on a licenced area unless used in aquaculture affixed secure of aquaculture affixed secure of aquaculture refuse, ito environment		
	4:	Permis	
You are required to come into  This warning does not preclude Fisheries and Oceans taking any other action that it may consider appropriate in the circumstances. /  Vous êtes tenu de vous conformer à la réglementation.  This warning does not preclude Fisheries and Oceans taking any other action that it may consider appropriate in the circumstances. /  En plus du présent avertissement, Pêches et Océans Canada pourra prendre toute autre mesure qu'il jugera appropriée compte tenu des circonstances.			
KWBOE #9000 Charles			
Name and Number of Fishery Officer / Guardian Nom et numero de			
l'agent des pêches ou du g	arde-peche: Signatu	io i digitalis.	
	Name of recipient / Nom du destinataire: Signature / Signature:		
JUNE Date of issue / Date de déli		Issue / Heure de délivrance:	
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From:

Scott, Melinda on behalf of AOSF / AOSF (DFO/MPO)

To:

AOSF / AOSF (DFO/MPO)

Cc: Subject:

DFO shellfish aquaculture facility: AQSF 330

Date:

June-29-18 13:10:15

Attachments:

DFO Shellfish Information Notice June 2018.pdf

Seabed Survey and Cleanup Instructions.pdf Final Shellfish Inspection Letter to Grower 330 0349579.pdf Warning Ticket A00042-FRN330-BRITISH COASTAL BIVALVE.pdf

Importance:

Attention Aquaculture Licence Holder,

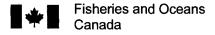
Please find attached important information regarding your DFO shellfish aquaculture facility: AQSF 330.

If you have any questions, please contact Aquaculture Resource Management: shellfish.aquaculture@dfo-mpo.gc.ca

#### **Melinda Scott**

www.pac.dfo-mpo.gc.ca

Aquaculture Management Coordinator | Coordinatrice sénior - Gestion de l'aquaculture Fisheries Management | Direction des pêches Aquaculture Management Division | Division de la gestion de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada Government of Canada | Gouvernement du Canada



Pêches et Océans Canada

Pacific Region 1520 Tamarac Street Campbell River, British Columbia V9W 3M5 Région du Pacifique 1520 Tamarac Street Campbell River (C.-B.) V9W 3M5

June 27, 2018

British Coastal Bi Valve + Ltd

Dear Licence Holder:

Subject: Post Inspection Report; Licence #114914, Facility #330, Land file #0349579

Fisheries and Oceans Canada (the Department) conducted a site inspection of your facility on May 15, 2018. The purpose of this letter is to inform you of violations under the AQSF 114914 Conditions of Licence that were observed at the time of inspection.

In an effort to uphold the Department's commitment to accountable governance, violations referred to in this letter will form part of the performance history for your site and may be considered in response to violations identified in the future.

#### **Violations Identified:**

#### Condition of Licence Part B

8.1 The licence holder shall ensure that "Styrofoam" used for floatation is securely wrapped in containment material so as to remain intact. Any floatation material that is degrading or is otherwise no longer in use shall be removed from the marine environment and disposed of at land-based facilities.

**Description of violation:** At the time of inspection, exposed Styrofoam was identified on work floats.

**Remediation:** Floats with exposed Styrofoam need to be removed. Replacement floats should be a non-Styrofoam durable option. All exposed Styrofoam needs to be removed from the site and disposed of at a land-based facility and may not be returned to the marine environment. Remediation measures must be completed by September 30, 2018.

Representative photos of this violation, taken while on site, have been included below.





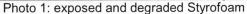




Photo 2: exposed and degraded Styrofoam

### Part B

8.3 The licence holder shall not store or leave any aquaculture equipment or structures on the licensed area unless the equipment or structures are in that location as part of an aquaculture activity and are affixed/secured so as not to move off the licensed area.

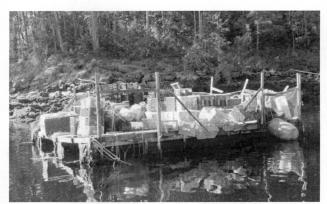
Description of violation: At the time of inspection, unsecured oyster and other miscellaneous shellfish aquaculture gear were observed on rafts/floats/dock.

**Remediation:** Unsecured gear or equipment needs to be secured or removed. Remediation measures must be completed by September 30, 2018.

A representative photo of this violation, taken while on site, has been included below.



Photo 3: unsecured aquaculture gear/equipment Photo 4: unsecured gear about to enter water



8.4 The licence holder shall not introduce or cause or allow the introduction of aquaculture refuse (including but not limited to infrastructure, equipment and materials) into the environment in the course of conducting aquaculture activities.

**Description of violation:** At the time of inspection, remotely operated vehicle was deployed and a sunken boat, netting and pipes were found on the seabed. The partially sunken work float and shed also constitutes a violation under this Condition of Licence.

**Remediation required:** All degraded aquaculture equipment/gear/infrastructure and refuse need to be removed from the licenced area, including the seabed. All refuse needs to be disposed of at a land-based facility. The Department requires that you address the above concern by September 30, 2018.

Representative photos of this violation, taken while on site, have been included below.

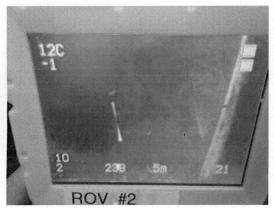


Photo 5: sunken vessel on bottom by dock

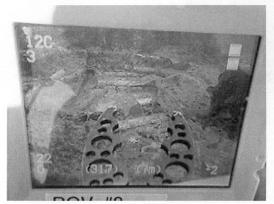


Photo 6: netting and pvc on bottom

**Please note:** Condition of Licence Part B 2.1 requires licence holders to "conduct inspections of equipment, installation methods... to ensure that equipment and structures are capable of functioning as intended in the environment where they are located...". Degraded aquaculture infrastructure and gear should be identified during this process and removed or upgraded as a best management practice.

**Please note:** Section 36(3) of the *Fisheries Act* states "Subject to subsection (4), no person shall deposit or permit the deposit of a deleterious substance of any type in water frequented by fish or in any place under any conditions where the deleterious substance or any other deleterious substance that results from the deposit of the deleterious substance may enter any such water." At the time of inspection sources of deleterious substances were identified. Prior to a violation occurring, please provide secondary containment for all potentially deleterious substances and employ all best management practices when storing and handling potentially deleterious substances. Please ensure you have appropriate spill response at your site.

The Department must be notified when the above remediation works are complete. Photographic images must be submitted to <a href="mailto:Shellfish.Aquaculture@dfo-mpo.gc.ca">Shellfish.Aquaculture@dfo-mpo.gc.ca</a> to verify that the remediation efforts were undertaken. As an underwater, on-bottom cleanup is required please submit a cleanup survey report. For instructions on how to complete such a survey and report, please refer to the section titled "Seabed Survey and Cleanup Instructions for Subtidal Shellfish Aquaculture Sites". Please ensure you include your facility reference number (330) in your e-mail subject line.

If you have any question or concerns regarding this matter please contact Shelley Jepps at <a href="mailto:Shelley.jepps@dfo-mpo.gc.ca">Shelley.jepps@dfo-mpo.gc.ca</a>.

Please note that this letter is not meant to suggest that a comprehensive assessment of ALL Conditions of Licence has been conducted and does not address conditions other than those specifically observed on the day of inspection. Nor does it preclude any potential charges laid by Fishery Officers in response to these or any further identified violations under the *Fisheries Act* and/or associated *Regulations*.

Sincerely,

**Shelley Jepps** 

Senior Shellfish Aquaculture Biologist | Biologiste principal de mollusque de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada

1520 Tamarac Street | 1520 Tamarac Street

Shelley Jepps

Campbell River, BC V9W 3M5| Campbell River (C.-B.) V9W 3M5

Attach: Instructions for cleanup of seabed beneath suspended aquaculture tenures 2018

Cc: Compliance & Protection Aquaculture Unit

Aquaculture Resource Management FLNRO (Licensing and Compliance)



de la Loi sur l'accès à l'infoAQi0042

DNS#2018-09487

## Warning Ticket / Avertissement

Pursua	nt To The Federal Fisheries Act / 8	En vertue d	ie la Loi sur les pêches fédérale
Issued to / Délivré à: BRITISI	GASTAL BEVALUE + LTD.	D.O.B / DN:	
Position / Poste:			
Company Name / Nom de l'entreprise:	BRITISH COASTAL BIN	ALVE +	+ LTD.
Site Location / Emplacement du site:	MALASOINA INLET,	OKEO	IER - FRN#330/LF0349579
	Aquaculture Licence No. / N° de permis d'ac	quaculture	Species / Espèces
Marine Finfish / Poissons marins			
Fresh Water / Poissons d'eau douce		****	
Shellfish / Fruits de mer	AQSF # 114914		
Other / Autre			
	Description of violation /	Description of	de l'infraction
Violation Date / Date de l'i	nfraction: MAY 15,	301B	
Regulation / Réglementation:	Pacific Aquaculture Regs / Règlement du Pacifique sur l'aquacultu	re	Fishery(General) Regs 22(7) / Paragraphe 22(7) du Règlement de pêche (dispositions générales)
Sec#/C.O.L.# / AQSF Art. n° / CDP n°:5.8.1	1: Strofoam-Ensure sec floatation material re	urely i	Mapped Unused degrading &
Sec#/C.O.L.# / AQSF Art. n° / CDP n°:5 · Q.3	2: STORAGE/SECURE - Equiv	ment	
Sec#/C.O.L.# / PAQSF Art. n° / CDP n°: s.g.4		Not wh	pduu/cause/allon ntoduchia
Sec#/C.O.L.# / Art. n° / CDP n°:	4:		Permis
You are required to con compliance with the reg Vous êtes tenu de vous réglementation.	ulations. / oth conformer à la En	ner action that plus du prés	pes not preclude Fisheries and Oceans taking any at it may consider appropriate in the circumstances. / sent avertissement, Péches et Océans Canada toute autre mesure qu'il jugera appropriée compte estances.
Name and Number of Fish l'agent des pèches ou du	nery Officer / Guardian Nom et numéro de	Signature S	Waldure:
Name of recipient / Nom d	lu destinataire:	Signature / S	ignature:
Date of issue / Date de dé	<b>79,2018</b> Ilivrance:	Time of issue	/ Heure de délivrance:

Pages 82 to / à 83

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From:

Scott. Melinda on behalf of AOSF / AOSF (DFO/MPO)

To: Cc: "baynessound@shaw.ca" AQSF / AQSF (DFO/MPO)

Subject:

DFO shellfish aquaculture facility: AQSF 991

Date:

June-29-18 12:35:12

Attachments:

Final Shellfish Inspection Letter to Grower 991 0347233.pdf

Warning Ticket AO0088-FRN991- pdf

DFO Shellfish Information Notice June 2018.pdf

Importance: High

....

Attention Aquaculture Licence Holder,

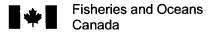
Please find attached important information regarding your DFO shellfish aquaculture facility: **AQSF 991**.

If you have any questions, please contact Aquaculture Resource Management: <a href="mailto:shellfish.aquaculture@dfo-mpo.gc.ca">shellfish.aquaculture@dfo-mpo.gc.ca</a>

#### Melinda Scott

Aquaculture Management Coordinator | Coordinatrice sénior - Gestion de l'aquaculture Fisheries Management | Direction des pêches

Aquaculture Management Division | Division de la gestion de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada Government of Canada | Gouvernement du Canada www.pac.dfo-mpo.gc.ca



Pêches et Océans Canada

Pacific Region 1520 Tamarac Street Campbell River, British Columbia V9W 3M5 Région du Pacifique 1520 Tamarac Street Campbell River (C.-B.) V9W 3M5

June 28, 2018

PO Box 159 Union Bay, British Columbia V0R 1B0

Dear Licence Holder:

Subject: Post Inspection Report; Licence #114540, Facility #991, Land file #0347233

Fisheries and Oceans Canada (the Department) conducted a site inspection of your facility on May 15, 2018. The purpose of this letter is to inform you of violations under the AQSF 114540 Conditions of Licence that were observed at the time of inspection.

In an effort to uphold the Department's commitment to accountable governance, violations referred to in this letter will form part of the performance history for your site and may be considered in response to violations identified in the future.

#### **Violations Identified:**

#### **Condition of Licence Part B**

6.1 With the exception of Varnish clam, which may be retained, and licensed species as prescribed in 4.1(b), every person who catches a fish incidentally must immediately return it to the water in a manner that causes it the least harm.

"Incidental Catch" for the purposes of marine shellfish aquaculture means fish species that:

- (a) are not specifically named on the face of the aquaculture licence; and
- (b) set naturally, or become entrapped or entangled on aquaculture structures with the licensed species.

**Description of violation:** At the time of inspection, a dead red rock crab was found trapped under predator netting. This indicates that the red rock crab was not returned to the water in a manner that causes least harm.



**Remediation:** Any fish that is caught incidentally must be released in a manner that causes it the least harm. Properly maintained and installed predator netting can minimize entrapment. If the use of predator netting at this site will continue please ensure it is secured to the substrate in such a manner as to prevent the entrapment of crabs or other fish.

A representative photo of this violation, taken while on site, has been included below.



Photo 1: dead red rock crab trapped under netting

7.3 The licence holder shall ensure that predator exclusion devices are constructed and maintained to prevent entrapment and avoid potential injury to fish species or wildlife; and to function as intended.

**Description of violation:** At the time of inspection, much of the predator netting was not functioning as intended as they were not properly secured to the substrate, .

**Remediation:** The predator netting must be inspected and all predator netting found to be in need of maintenance should be maintained or removed. All predator netting that is degraded must be identified, removed and disposed of appropriately at an upland facility. Remediation measures must be completed by September 30, 2018.

Representative photos of this violation, taken while on site, have been included below.



Photo 2 and 3: unmaintained predator netting not functioning as intended

**Please note:** Condition of Licence Part B 2.1 requires licence holders to "conduct inspections of equipment, installation methods... to ensure that equipment and structures are capable of functioning as intended in the environment where they are located...". Aquaculture infrastructure and gear in need of maintenance should be identified during this process and maintained, removed or upgraded as a best management practice.

The Department must be notified when the above remediation works are complete. Photographic images must be submitted to <a href="mailto:Shellfish.Aquaculture@dfo-mpo.gc.ca">Shellfish.Aquaculture@dfo-mpo.gc.ca</a> to verify that the remediation efforts were undertaken. Please ensure you include your facility reference number (991) in your e-mail subject line.

If you have any question or concerns regarding this matter please contact Shelley Jepps at Shelley.jepps@dfo-mpo.gc.ca.

Please note that this letter is not meant to suggest that a comprehensive assessment of ALL Conditions of Licence has been conducted and does not address conditions other than those specifically observed on the day of inspection. Nor does it preclude any potential charges laid by Fishery Officers in response to these or any further identified violations under the *Fisheries Act* and/or associated *Regulations*.

Sincerely,

Shelley Jepps

Senior Shellfish Aquaculture Biologist | Biologiste principal de mollusque de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada

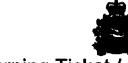
1520 Tamarac Street | 1520 Tamarac Street

Shelley Jepps

Campbell River, BC V9W 3M5| Campbell River (C.-B.) V9W 3M5

Cc: Compliance & Protection Aquaculture Unit Aquaculture Resource Management FLNRO (Licensing and Compliance)

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## Warning Ticket / Avertissement

## DIS#0018-04015

## Pursuant To The Federal Fisheries Act / En vertue de la Loi sur les pêches fédérale

Issued to / Délivré à:			D.O.B / DN:	
Position / Poste:	AQSF 1	TEENCE	HOLDER	
Company Name / Nom de l'entreprise:				,
Site Location / Emplacement du site:	HENRY	BAM, BA	MNES SO	~NO-FRN#991/LF#0347233
	Aquaculture Lic	ence No. / N° de pern	nis d'aquaculture	Species / Espèces
Marine Finfish / Poissons marins				
Fresh Water / Poissons d'eau douce				
Stiellfish / Fruits de mer	AQSF	# 114540		
Other / Autre				
		Description of viola	ition / Description	de l'infraction
Minister Date / Date de Nice		MAM		
Violation Date / Date de l'in Regulation / Réglementation:	Pacific Aqu	aculture Regs / du Pacifique sur l'aqu		Píshery(General) Regs 22(7) / Paragraphe 22(7) du Règlement de pêche (dispositions générales)
Sec#/C.O.L.# / AQSF Art. n° / CDP n°:s.b.\	Incroe	MAR CHICH	- Must im	nediately return to water of
Sec#/C.O.L.# / AQSF Art. n° / CDP n°: \$.7.3	10 prevent	or Excus	EON DENSE	
Sec#/C.O.L.# / Art. n° / CDP n°:	3:			wildlife: function as intenditions of Licence
Sec#/C.O.L.# / Art. n° / CDP n°:	4:			Conditions of Licence
You are required to come into  Compliance with the regulations. /  Vous êtes tenu de vous conformer à la réglementation.  This warning does not preclude Fisheries and Oceans taking any other action that it may consider appropriate in the circumstances. /  En plus du présent avertissement, Pêches et Océans Canada pourra prendre toute autre mesure qu'il jugera appropriée compte tenu des circonstances.				
Name and Number of Fisher l'agent des pêches ou du gr	ry Officer / Guar	SSD dian Nom et numéro	de Signature //	Moald Bignature:
Name of recipient / Nom du destinataire: Signature / Signature:			Signature:	
Jun	€ 28/	10		
Date of issue / Date de déli	vrance:		Time of issu	e / Heure de délivrance:

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From:

Scott, Melinda on behalf of AOSF / AOSF (DFO/MPO)

To:

Cc:

AOSF / AOSF (DFO/MPO)

Subject:

DFO shellfish aquaculture facility: AQSF 1606

Date:

June-29-18 16:32:49

Attachments:

DFO Shellfish Information Notice June 2018.pdf

Seabed Survey and Cleanup Instructions.pdf

Final Shellfish Inspection Letter to Grower 1606 2407754.pdf Warning Ticket A00045-FRN1606-OLTABI SHELLFISH.pdf

Importance:

Hiah

Attention Aquaculture Licence Holder,

Please find attached important information regarding your DFO shellfish aquaculture facility: **AQSF 1606**.

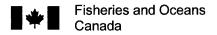
If you have any questions, please contact Aquaculture Resource Management: <a href="mailto:shellfish.aquaculture@dfo-mpo.gc.ca">shellfish.aquaculture@dfo-mpo.gc.ca</a>

#### Melinda Scott

Aquaculture Management Coordinator | Coordinatrice sénior - Gestion de l'aquaculture Fisheries Management |
Direction des pêches

Aquaculture Management Division | Division de la gestion de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada | Gouvernement du Canada | Gouvernement du Canada

www.pac.dfo-mpo.gc.ca



Pacific Region 1520 Tamarac Street Campbell River, British Columbia V9W 3M5 Pêches et Océans Canada

Région du Pacifique 1520 Tamarac Street Campbell River (C.-B.) V9W 3M5

June 28, 2018

Oltabi Shellfish Co. Ltd.

Dear Licence Holder:

Subject: Post Inspection Report; Licence #114339, Facility #1606, Land file #2407754

Fisheries and Oceans Canada (the Department) conducted a site inspection of your facility on May 15, 2018. The purpose of this letter is to inform you of violations under the AQSF 114339 Conditions of Licence that were observed at the time of inspection.

In an effort to uphold the Department's commitment to accountable governance, violations referred to in this letter will form part of the performance history for your site and may be considered in response to violations identified in the future.

#### **Violations Identified:**

### **Condition of Licence Part B**

8.4 The licence holder shall not introduce or cause or allow the introduction of aquaculture refuse (including but not limited to infrastructure, equipment and materials) into the environment in the course of conducting aquaculture activities.

**Description of violation:** At the time of inspection, a remotely operated vehicle was deployed and a sunken work float was found on the seabed. Significant aquaculture related debris was observed associated with the sunken work float, such as stacks of oyster trays. What appeared to be a propane bottle and some sort of machine was also observed.

**Remediation required:** All degraded aquaculture equipment/gear/infrastructure and refuse need to be removed from the seabed. All refuse needs to be disposed of at a land-based facility. The Department requires that you address the above concern by September 30, 2018.



10 0 288 10m

Representative photos of this violation, taken while on site, have been included below.

Photo 6: sunken work float with associate aquaculture debris

**Please note:** Condition of Licence Part B 2.1 requires licence holders to "conduct inspections of equipment, installation methods... to ensure that equipment and structures are capable of functioning as intended in the environment where they are located...". Degraded aquaculture infrastructure and gear should be identified during this process and removed or upgraded as a best management practice.

**Please note:** Section 36(3) of the *Fisheries Act* states "Subject to subsection (4), no person shall deposit or permit the deposit of a deleterious substance of any type in water frequented by fish or in any place under any conditions where the deleterious substance or any other deleterious substance that results from the deposit of the deleterious substance may enter any such water." At the time of inspection sources of deleterious substances were identified but no sheen nor odor were noticed.

The Department must be notified when the above remediation works are complete. Photographic images must be submitted to <a href="mailto:Shellfish.Aquaculture@dfo-mpo.gc.ca">Shellfish.Aquaculture@dfo-mpo.gc.ca</a> to verify that the remediation efforts were undertaken. As an underwater, on-bottom cleanup is required please submit a cleanup survey report. For instructions on how to complete such a survey and report, please refer to the section titled "Seabed Survey"

and Cleanup Instructions for Subtidal Shellfish Aquaculture Sites". Please ensure you include your facility reference number (1606) in your e-mail subject line.

If you have any question or concerns regarding this matter please contact Shelley Jepps at Shelley.jepps@dfo-mpo.gc.ca.

Please note that this letter is not meant to suggest that a comprehensive assessment of ALL Conditions of Licence has been conducted and does not address conditions other than those specifically observed on the day of inspection. Nor does it preclude any potential charges laid by Fishery Officers in response to these or any further identified violations under the *Fisheries Act* and/or associated *Regulations*.

Sincerely,

**Shelley Jepps** 

Shelley Jepps

Senior Shellfish Aquaculture Biologist | Biologiste principal de mollusque de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada 1520 Tamarac Street | 1520 Tamarac Street

Campbell River, BC V9W 3M5| Campbell River (C.-B.) V9W 3M5

Attach: Instructions for cleanup of seabed beneath suspended aquaculture tenures 2018

Cc: Compliance & Protection Aquaculture Unit

Aquaculture Resource Management FLNRO (Licensing and Compliance)



DNS #2018-02488

## Warning Ticket / Avertissement

Pursuai	nt To The Federal Fisheries Act / I	En vertue de la Loi sur les pêches fédérale
Issued to / Délivré à: OLTABI	SHELLFISH CO. LTD.	D.O.B / DN:
Position / Poste:	USF LIEBLE HOLD	TEA.
Company Name / Nom de l'entreprise:	OLTABI SHELLFI	CEH CO. LTD.
Site Location / Emplacement du site:	LLOYD CREEK, H	tompean channel-fen 1606-LF246778
	Aquaculture Licence No. / N° de permis d'a	aquaculture Species / Espèces
Marine Finfish / Poissons marins		
Fresh Water / Poissons d'eau douce		
Shellfish / Fruits de mer	ARSF#114339	
Other / Autre		
	Description of violation /	/ Description de l'infraction
**************************************	MAN IS	
Violation Date / Date de l'ir	nfraction:	, , , , , , , , , , , , , , , , , , , ,
Regulation / Réglementation:	Pacific Aquaculture Regs / Règlement du Pacifique sur l'aquacultu	ture Eishery(General) Regs 22(7) / Paragraphe 22(7) du Règlement de pêche (dispositions générales)
Sec#/C.O.L.# / <b>AQ&amp;F</b> Art. n° / CDP n° <b>5.8.4</b>	1: AQUACULTURE REPUSE -1	Not introduce / cause /allow introduction of
Sec#/C.O.L.# / Art. n° / CDP n°:	2:	= Cond
Sec#/C.O.L.# / Art. n° / CDP n°:	3:	Conditions of
Sec#/C.O.L.# / Art. n° / CDP n°:	4:	de Permis
You are required to comcompliance with the reg Vous êtes tenu de vous réglementation.	ulations. / otl conformer à la Er po	This warning does not preclude Fisheries and Oceans taking any other action that it may consider appropriate in the circumstances. / En plus du présent avertissement, Pêches et Océans Canada ourra prendre toute autre mesure qu'il jugera appropriée compte enu des circonstances.
Name and Number of Fish l'agent des pêches ou du g	ery Officer / Guardian Nom et numéro de	Signal (re / Signature:
Name of recipient / Nom d	u destinataire:	Signature / Signature:
Date of issue / Date de dél	VE 28/18	Time of issue / Heure de délivrance:
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From:

Scott, Melinda on behalf of AOSF / AOSF (DFO/MPO)

To: Cc:

AOSF / AOSF (DFO/MPO)

Subject:

DFO shellfish aquaculture facility: AQSF 116

Date:

June-29-18 13:58:37

Attachments:

Final Shellfish Inspection Letter to Grower 116 1401870.pdf Warning Ticket AQ094950-FRN116-VIKING BAY VENTURES.pdf

DFO Shellfish Information Notice June 2018.pdf

Seabed Survey and Cleanup Instructions.pdf

Importance:

Attention Aquaculture Licence Holder,

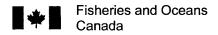
Please find attached important information regarding your DFO shellfish aquaculture facility: **AQSF 116.** 

If you have any questions, please contact Aquaculture Resource Management: <a href="mailto:shellfish.aquaculture@dfo-mpo.gc.ca">shellfish.aquaculture@dfo-mpo.gc.ca</a>

#### Melinda Scott

Aquaculture Management Coordinator | Coordinatrice sénior - Gestion de l'aquaculture Fisheries Management | Direction des pêches

Aquaculture Management Division | Division de la gestion de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada Government of Canada | Gouvernement du Canada www.pac.dfo-mpo.gc.ca



Pêches et Océans Canada

Pacific Region 1520 Tamarac Street Campbell River, British Columbia V9W 3M5

Région du Pacifique 1520 Tamarac Street Campbell River (C.-B.) V9W 3M5

June 28, 2018

Viking Bay Ventures Ltd. PO Box 498 Quathiaski Cove, British Columbia V0P 1N0

Dear Licence Holder:

Subject: Post Inspection Report; Licence #114649, Facility #116, Land file #1401870

Fisheries and Oceans Canada (the Department) conducted a site inspection of your facility on May 15, 2018. The purpose of this letter is to inform you of violations under the AQSF 114649 Conditions of Licence that were observed at the time of inspection.

In an effort to uphold the Department's commitment to accountable governance, violations referred to in this letter will form part of the performance history for your site and may be considered in response to violations identified in the future.

#### Violations Identified:

#### **Condition of Licence Part B**

6.1 With the exception of Varnish clam, which may be retained, and licensed species as prescribed in 4.1(b), every person who catches a fish incidentally must immediately return it to the water in a manner that causes it the least harm.

"Incidental Catch" for the purposes of marine shellfish aquaculture means fish species that:

- (a) are not specifically named on the face of the aquaculture licence; and
- (b) set naturally, or become entrapped or entangled on aquaculture structures with the licensed species.

**Description of violation:** At the time of inspection, numerous green urchin tests were found in association with aquaculture gear laid out on top of rafts. This indicates that the urchins were not returned to the water in a manner that causes least harm.



**Remediation:** When gear is pulled, all incidental catch must be returned to the water in a manner that causes it the least harm. This must be a practice that is adopted immediately.

A representative photo of this violation, taken while on site, has been included below.



Photo 1: urchin tests on suspended gear

7.3 The licence holder shall ensure that predator exclusion devices are constructed and maintained to prevent entrapment and avoid potential injury to fish species or wildlife; and to function as intended.

**Description of violation:** At the time of inspection, much of the predator netting was not functioning as intended as they were unmaintained, torn and sagging.

**Remediation:** The predator netting must be inspected and all predator netting found to be in need of maintenance should be maintained or removed. All predator netting that is degraded must be identified, removed and disposed of appropriately at an upland facility. Gapping predator netting creates a potential for marine or wildlife to become entangled and entrapped. Remediation measures must be completed by September 30, 2018.

A representative photo of this violation, taken while on site, has been included below.



Photo 2: unmaintained predator netting not functioning as intended.

8.1 The licence holder shall ensure that "Styrofoam" used for floatation is securely wrapped in containment material so as to remain intact. Any floatation material that is degrading or is otherwise no longer in use shall be removed from the marine environment and disposed of at land-based facilities.

**Description of violation:** At the time of inspection, exposed and degrading Styrofoam was identified on rafts and work floats in the marine environment.

**Remediation:** All exposed Styrofoam need to be removed. Replacement floats should be a non-Styrofoam durable option. All exposed Styrofoam needs to be removed from the site and disposed of at a land-based facility and may not be returned to the marine environment. Remediation measures must be completed by September 30, 2018.

A representative photo of this violation, taken while on site, has been included below.



Photo 3: exposed Styrofoam

#### Part B

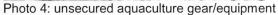
8.3 The licence holder shall not store or leave any aquaculture equipment or structures on the licensed area unless the equipment or structures are in that location as part of an aquaculture activity and are affixed/secured so as not to move off the licensed area.

**Description of violation:** At the time of inspection, unsecured or poorly secured miscellaneous shellfish aquaculture gear was observed on rafts and floats.

**Remediation:** Unsecured gear or equipment needs to be secured or removed. Remediation measures must be completed by September 30, 2018.

Representative photos of this violation, taken while on site, have been included below.





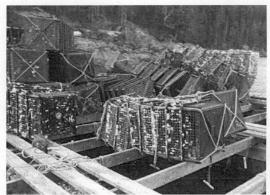


Photo 5: unsecured aquaculture gear

8.4 The licence holder shall not introduce or cause or allow the introduction of aquaculture refuse (including but not limited to infrastructure, equipment and materials) into the environment in the course of conducting aquaculture activities.

**Description of violation:** At the time of inspection, there was a large amount of debris stored at this site. A large tote with floats was tipped over. Mesh netting was falling into the water. A remotely operated vehicle was deployed and oyster trays were observed on the seabed. Other debris was observed on the licenced area such as a broken raft as well as in the marine riparian (Styrofoam and cages).

**Remediation required:** All degraded aquaculture equipment/gear/infrastructure and refuse need to be removed from the licenced area, including the seabed. All refuse needs to be disposed of at a land-based facility. The Department requires that you address the above concern by September 30, 2018.

Representative photos of this violation, taken while on site, have been included below.

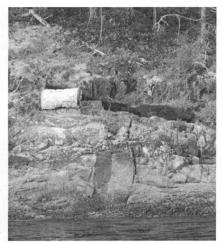


Photo 6: shellfish aquaculture debris in environment

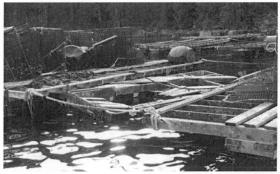


Photo 7: broken raft

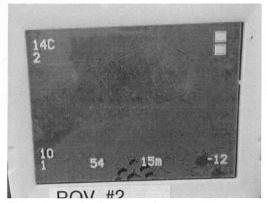


Photo 8: stack of trays on bottom

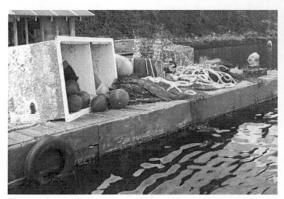


Photo 9: spilled tote and mesh net entering water

**Please note:** Condition of Licence Part B 2.1 requires licence holders to "conduct inspections of equipment, installation methods... to ensure that equipment and structures are capable of functioning as intended in the environment where they are located...". Degraded aquaculture infrastructure and gear should be identified during this process and removed or upgraded as a best management practice.

Please note: Section 36(3) of the *Fisheries Act* states "Subject to subsection (4), no person shall deposit or permit the deposit of a deleterious substance of any type in water frequented by fish or in any place under any conditions where the deleterious substance or any other deleterious substance that results from the deposit of the deleterious substance may enter any such water." At the time of inspection many sources of deleterious substances were identified. Prior to a violation occurring, please provide secondary containment for all potentially deleterious substances and employ all best management practices when storing and handling potentially deleterious substances. Please ensure you have appropriate spill response at your site.

The Department must be notified when the above remediation works are complete. Photographic images must be submitted to <a href="mailto:Shellfish.Aquaculture@dfo-mpo.gc.ca">Shellfish.Aquaculture@dfo-mpo.gc.ca</a> to verify that the remediation efforts were undertaken. As an underwater, on-bottom cleanup is required please submit a cleanup survey report. For instructions on how to complete such a survey and report, please refer to the section titled "Seabed Survey and Cleanup Instructions for Subtidal Shellfish Aquaculture Sites". Please ensure you include your facility reference number (116) in your e-mail subject line.

If you have any question or concerns regarding this matter please contact Shelley Jepps at <a href="mailto:Shelley.jepps@dfo-mpo.gc.ca">Shelley.jepps@dfo-mpo.gc.ca</a>.

Please note that this letter is not meant to suggest that a comprehensive assessment of ALL Conditions of Licence has been conducted and does not address conditions other than those specifically observed on the day of inspection. Nor does it preclude any potential charges laid by Fishery Officers in response to these or any further identified violations under the *Fisheries Act* and/or associated *Regulations*.

Sincerely,

**Shelley Jepps** 

Senior Shellfish Aquaculture Biologist | Biologiste principal de mollusque de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada

1520 Tamarac Street | 1520 Tamarac Street

Shelley Jepps

Campbell River, BC V9W 3M5| Campbell River (C.-B.) V9W 3M5

Attach: Instructions for cleanup of seabed beneath suspended aquaculture tenures 2018

Cc: Compliance & Protection Aquaculture Unit

Aquaculture Resource Management FLNRO (Licensing and Compliance)

Tielest / Avertices

## Warning Ticket / Avertissement

DV8#2018 - 02735

Pursual	nt To The Federal Fisheries Act / I	En vertue e	de la Loi sur les pêches fédérale
Issued to / Délivré à:		D.O.B / DN:	
Position / Poste:	AQSF LILENCE +	tolde	n
Company Name / Nom de l'entreprise:	VIKEN G BAN	VENT	LIES LTD.
Site Location / Emplacement du site:	SE KING ISLETS,	REAC	ISLAND-FOR 116/LF#1401870
	Aquaculture Licence No. / N° de permis d'a	quaculture	Species / Espèces
Marine Finfish / Poissons marins			
Fresh Water / Poissons d'eau douce			
Shellfish / Fruits de mer	AQSF# 114649		
Other / Autre			
	Description of violation /	Description (	de l'infraction
Minimalian Data / Data da Hi	ha Paa		
Violation Date / Date de l'ir	ntraction:	3 ,00	
Regulation / Réglementation:	Pacific Aquaculture Regs / Règlement du Pacifique sur l'aquacultu	ıre	Eishery(General) Regs 22(7) / Paragraphe 22(7) du Règlement de pêche (dispositions générales)
Sec#/C.O.L.# / PQSF Art. n" / CDP n": 5.6.1	Incroering chich - Mu in manner That caus	stimm es Tea	ediately return towales
Sec#/C.O.L.# / ProsF Art. n° / CDP n°:5.7.3			monetal mantained to condition as intended
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Sec#/C.O.L.# / ProsF			
Art. n° / CDP n°:5.8.3	area unless used in	aguace	Hornchire not stored a lience
# AQSF 5.8.4 -	Cont'd		•
You are required to com			oes not preclude Fisheries and Oceans taking any
compliance with the regreevous êtes tenu de vous			at it may consider appropriate in the circumstances. / sent avertissement, Pêches et Océans Canada
réglementation.			e toute autre mesure qu'il jugera appropriée compte
rogicine nation,		nu des circor	
<u> </u>	~ #a.z-		Ma 11
Name and Number of Fish	ery Officer / Guardian Nom et numéro de	AM	Model
l'agent des peches ou du g	•	Signature / S	ignature:
Section and Page 199			
Name of recipient / Nom do	u destinataire:	Signature / S	ignature:
,+	MANE 20 10		
Date of issue / Date de dél	ivrance:	Time of issue	e / Heure de délivrance:

# Warning Ticket / Avertissement

DNS#2018-02735

Pursuar	it to the Federal Fisheries Act / E		sur les pecnes tederale		
Issued to / Délivré à:		D.O.B / DN:			
Position / Poste:	ARSF LIVENCE H	WER			
Company Name / Nom de l'entreprise:	VIKING BAM VEN		<b>)</b> .		
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	Aquaculture Licence No. / N° de permis d'ac	uaculture Species	/ Espèces		
Marine Finfish / Poissons marins					
Fresh Water / Poissons d'eau douce					
Sbelffish / Fruits de mer	AOSP # 114649				
Other / Autre					
	Description of violation /	Pescription de l'infra	tion	$\neg$	
	<b>N.</b> 410.4. A	5,2018		$\dashv$	
Violation Date / Date de l'ir	fraction:	8,2016			
Regulation / Pacific Aquaculture Regs / Règlement du Pacifique sur l'aquaculture		e 🗀 Reg	Fishery(General) Regs 22(7) / Paragraphe 22(7) du Règlement de pêche (dispositions générales)		
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Sea#/C.O.L.# / Art. n° / CDP n°:	3:		Conditions de	tions of	
Sec#/C.O.L.# / Art. n° / CDP n°:	4:		Permis	of Licence	
compliance with the regulations. / other action tha Vous êtes tenu de vous conformer à la En plus du prés			preclude Fisheries and Oceans taking an consider appropriate in the circumstance rtissement, Pêches et Océans Canada tre mesure qu'il jugera appropriée compt	s. /	
LWPV Name and Number of Fish	are. #9000 ery Officer / Guardian Nom et numéro de	W	Valdo		
l'agent des pêches ou du g		Signature / Signature:			
Name of recipient / Nom do	u destinataire:	Signature / Signature:			
Date of issue / Date de dél	BI/BE SUNT	Time of issue / Heure	de délivrance		
Date de del	1014144	or rouse / fiedle	VY VYHTIMIVV		

Fishery Officer Copy Copie de l'agent des pêches

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Pages 107 to / à 108 are duplicates of sont des duplicatas des pages 28 to / à 29

From:

Scott, Melinda on behalf of AOSF / AOSF (DFO/MPO)

To:

Cc: AQSF / AQSF (DFO/MPO)

Subject:

DFO shellfish aquaculture facility: AQSF 909

Date:

June-29-18 16:46:50

Attachments:

DFO Shellfish Information Notice June 2018.pdf

Final Shellfish Inspection Letter to Grower 909 1401835.pdf

Warning Ticket AO0048-FRN909-BEE ISLETS GROWERS.pdf

Importance:

High

Attention Aquaculture Licence Holder,

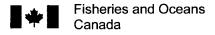
Please find attached important information regarding your DFO shellfish aquaculture facility: **AQSF 909**.

If you have any questions, please contact Aquaculture Resource Management: <a href="mailto:shellfish.aquaculture@dfo-mpo.gc.ca">shellfish.aquaculture@dfo-mpo.gc.ca</a>

#### Melinda Scott

Aquaculture Management Coordinator | Coordinatrice sénior - Gestion de l'aquaculture Fisheries Management | Direction des pêches

Aquaculture Management Division | Division de la gestion de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada Government of Canada | Gouvernement du Canada www.pac.dfo-mpo.gc.ca



Pêches et Océans Canada

Pacific Region 1520 Tamarac Street Campbell River, British Columbia V9W 3M5 Région du Pacifique 1520 Tamarac Street Campbell River (C.-B.) V9W 3M5

June 27, 2018

Bee Islets Growers Corp. PO Box 75 Manson's Landing, British Columbia V0P 1K0

Dear Licence Holder:

Subject: Post Inspection Report; Licence #114203, Facility #909, Land file #1401835

Fisheries and Oceans Canada (the Department) conducted a site inspection of your facility on May 29, 2018. The purpose of this letter is to inform you of violations under the AQSF 114203 Conditions of Licence that were observed at the time of inspection.

In an effort to uphold the Department's commitment to accountable governance, violations referred to in this letter will form part of the performance history for your site and may be considered in response to violations identified in the future.

#### Violations Identified:

#### **Condition of Licence Part B**

7.3 The licence holder shall ensure that predator exclusion devices are constructed and maintained to prevent entrapment and avoid potential injury to fish species or wildlife; and to function as intended.

**Description of violation:** At the time of inspection, panels of suspended predator netting found to be sagging, creating holes through which marine or wildlife could enter creating a possible trap. Therefore predator exclusion devices were not functioning as intended nor was the predator netting being maintained.

**Remediation:** The suspended predator netting should be inspected and where in need of maintenance repaired or removed. Remediation measures must be completed by September 30, 2018.

A representative photo of this violation, taken while on site, has been included below.



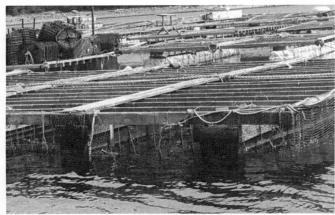


Photo 1: sagging suspended predator netting.

#### Part B

8.1 The licence holder shall ensure that "Styrofoam" used for floatation is securely wrapped in containment material so as to remain intact. Any floatation material that is degrading or is otherwise no longer in use shall be removed from the marine environment and disposed of at land-based facilities.

**Description of violation:** At the time of inspection, 53 rafts were identified with exposed Styrofoam. A large amount of Styrofoam was being stored on site. This Styrofoam was not secured to the work surface.

**Remediation:** Floats with exposed Styrofoam need to be removed. Replacement floats should be a non-Styrofoam durable option. Styrofoam being stored until disposal must be secured to the work surface. All exposed Styrofoam needs to be removed from the site and disposed of at a land-based facility and may not be returned to the marine environment. Remediation measures must be completed by September 30, 2018.

Representative photos of this violation, taken while on site, have been included below.

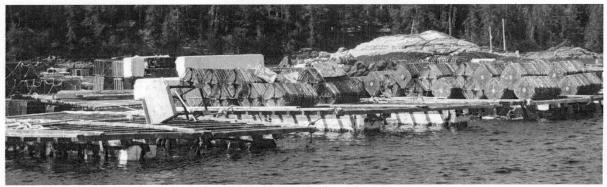


Photo 2: exposed Styrofoam (unwrapped and wrapping loose).

#### Part B

8.3 The licence holder shall not store or leave any aquaculture equipment or structures on the licensed area unless the equipment or structures are in that location as part of an aquaculture activity and are affixed/secured so as not to move off the licensed area.

**Description of violation:** In addition to the unsecured Styrofoam, at the time of inspection, unsecured gear/equipment was observed on rafts.

**Remediation:** Unsecured gear or equipment needs to be secured or removed. Remediation measures must be completed by September 30, 2018.

A representative photo of this violation, taken while on site, has been included below.



Photo 3: unsecured aquaculture gear/equipment

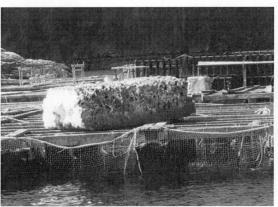


Photo 4: unsecured Styrofoam

Please note: Condition of Licence Part B 2.1 requires licence holders to "conduct inspections of equipment, installation methods... to ensure that equipment and structures are capable of functioning as intended in the environment where they are located...". Degraded aquaculture infrastructure and gear should be identified during this process and removed or upgraded as a best management practice.

The Department must be notified when the above remediation works are complete. Photographic images must be submitted to <a href="mailto:Shellfish.Aquaculture@dfo-mpo.gc.ca">Shellfish.Aquaculture@dfo-mpo.gc.ca</a> to verify that the remediation efforts were undertaken. Please ensure you include your facility reference number (909) in your e-mail subject line.

If you have any question or concerns regarding this matter please contact Shelley Jepps at <a href="mailto:Shelley.jepps@dfo-mpo.gc.ca">Shelley.jepps@dfo-mpo.gc.ca</a>.

Please note that this letter is not meant to suggest that a comprehensive assessment of ALL Conditions of Licence has been conducted and does not address conditions other

than those specifically observed on the day of inspection. Nor does it preclude any potential charges laid by Fishery Officers in response to these or any further identified violations under the *Fisheries Act* and/or associated *Regulations*.

Sincerely,

**Shelley Jepps** 

Senior Shellfish Aquaculture Biologist | Biologiste principal de mollusque de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada

1520 Tamarac Street | 1520 Tamarac Street

Shelley Jepps

Campbell River, BC V9W 3M5| Campbell River (C.-B.) V9W 3M5

Cc via e-mail: Compliance & Protection Aquaculture Unit

Aquaculture Resource Management FLNRO (Licensing and Compliance)

BEE ISLETS GROWERS CORP

Issued to /

Délivré à:

## Warning Ticket / Avertissement

BVS \$ 2018 - 02731

## Pursuant To The Federal Fisheries Act / En vertue de la Loi sur les pêches fédérale D.O.B / DN:

Position / Poste:	WE LICENCY	e Holders		
Company Name / Nom de l'entreprise:	BEE ISLES	s geowers a	CORP	
Site Location / Emplacement du site:	BEE ISLET	s, coknes Isl	mo- Fen #909-4=#14018	(37
	Aquaculture Licence No. /	/ N° de permis d'aquaculture	Species / Espèces	
☐ Marine Finfish / Poissons marins				
Fresh Water / Poissons d'eau douce				
Shellfish / Fruits de mer	ARQS=#114	203		
Other / Autre				
	Descripti	on of violation / Description	de l'infraction	
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Violation Date / Date de l'ir	nfraction:	1014 94 20 C		
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Sec#/C.O.L.#/ ARSF 1: OREDATOR Excussion DENTEES-Constructed/mailaned to grant or first wildlife; function as intended?			ا – ا ت	
Sec#/C.O.L.# / AQSF Art. n° / CDP n°; 8.1	##C 01 # / MOSE   3: -			
Sec#/C.O.L.# / ARSF Art. n° / CDP n°:s. 8.3	3: STORAGE GEEURE - Equipment/structure not stored on licensed &			
Sec#/C.O.L.# / Art. n° / CDP n°:	4:			of Licence de Permis
You are required to come into  Compliance with the regulations. /  Vous êtes tenu de vous conformer à la  réglementation.  This warning does not preclude Fisheries and Oceans taking any other action that it may consider appropriate in the circumstances. /  En plus du présent avertissement, Pêches et Océans Canada pourra prendre toute autre mesure qu'il jugera appropriée compte tenu des circonstances.				
KWAU	ne #9000		Rivald	
Name and Number of Fishery Officer / Guardian Nom et numéro de l'agent des pêches ou du garde-pêche:			Signature:	
Name of recipient / Nom d	u destinataire:	Signature /	Signature:	
June	28/B			
Date of issue / Date de dé	ivrance:	Time of issu	ue / Heure de délivrance:	

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page 28

Document Released Under the Access to Information Act / Document divulgué en vertu de la Loi sur l'accès à l'information.

From:

Scott, Melinda on behalf of AOSF / AOSF (DFO/MPO)

To:

Cc:

AOSF / AOSF (DFO/MPO)

Subject:

DFO shellfish aquaculture facility: AQSF 897

Date:

July-04-18 10:05:14

Attachments:

DFO Shellfish Information Notice June 2018.pdf

Final Shellfish Inspection Letter to Grower 897 0294094.pdf Warning Ticket AQ0091 FRN897 APHRODITES GARDEN.pdf

Importance:

Attention Aquaculture Licence Holder,

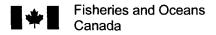
Please find attached important information regarding your DFO shellfish aquaculture facility: AQSF 897

If you have any questions, please contact Aquaculture Resource Management: shellfish.aquaculture@dfo-mpo.gc.ca

#### Melinda Scott

Aquaculture Management Coordinator | Coordinatrice sénior - Gestion de l'aquaculture Fisheries Management | Direction des pêches

Aquaculture Management Division | Division de la gestion de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada Government of Canada | Gouvernement du Canada www.pac.dfo-mpo.gc.ca



Pêches et Océans Canada

Pacific Region 1520 Tamarac Street Campbell River, British Columbia V9W 3M5 Région du Pacifique 1520 Tamarac Street Campbell River (C.-B.) V9W 3M5

June 29, 2018

Aphrodite's Garden Oyster Company 1840 Lund Highway Powell River, British Columbia V8A 0G6

Dear Licence Holder:

Subject: Post Inspection Report; Licence #114548, Facility #897, Land file #0195337

Fisheries and Oceans Canada (the Department) conducted a site inspection of your facility on May 15, 2018. The purpose of this letter is to inform you of violations under the AQSF 114548 Conditions of Licence that were observed at the time of inspection.

In an effort to uphold the Department's commitment to accountable governance, violations referred to in this letter will form part of the performance history for your site and may be considered in response to violations identified in the future.

#### **Violations Identified:**

#### Condition of Licence Part B

7.3 The licence holder shall ensure that predator exclusion devices are constructed and maintained to prevent entrapment and avoid potential injury to fish species or wildlife; and to function as intended.

**Description of violation:** At the time of inspection, predator netting was not functioning as intended as it was unmaintained and not laid flat or secured.

**Remediation:** The predator netting must be inspected and all predator netting found to be in need of maintenance should be maintained or removed. All predator netting that is degraded must be identified, removed and disposed of appropriately at an upland facility. Remediation measures must be completed by September 30, 2018.

A representative photo of this violation, taken while on site, has been included below.



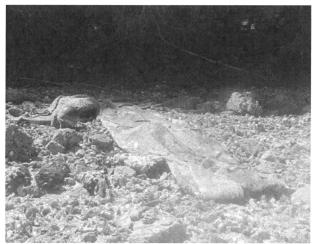


Photo 1: unsecured/unmaintained predator net

8.3 The licence holder shall not store or leave any aquaculture equipment or structures on the licensed area unless the equipment or structures are in that location as part of an aquaculture activity and are affixed/secured so as not to move off the licensed area.

**Description of violation:** At the time of inspection, there were unsecured spat plates on the intertidal zone of the Penrose side of the tenure.

**Remediation:** Unsecured gear or equipment needs to be secured or removed. Remediation measures must be completed by September 30, 2018.

A representative photo of this violation, taken while on site, has been included below.



Photo 1: stack of spat collection plates on intertidal zone

8.4 The licence holder shall not introduce or cause or allow the introduction of aquaculture refuse (including but not limited to infrastructure, equipment and materials) into the environment in the course of conducting aquaculture activities.

**Description of violation:** At the time of inspection some debris comprised of degraded/unmaintained shellfish aquaculture gear was identified on both the Penrose Bay and Trevenen Bay sides of the licenced area. Debris included but was not limited to cargo nets, cargo straps, degraded vexar bags, French tubes, and other miscellaneous shellfish aquaculture gear.

**Remediation required:** All degraded aquaculture equipment/gear/infrastructure and refuse needs to be removed from the licenced area. All refuse needs to be disposed of at a land-based facility. The Department requires that you address the above concern by September 30, 2018.

Representative photos of this violation, taken while on site, have been included below.

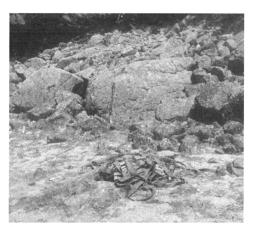






Photo 3: aquaculture related debris

**Please note:** Lastly there were large frames with mesh netting on them which were not identified on the Management Plan for this site. One of these was supported by floats. I am concerned that they may entrap fish. Please remove them from the licenced area.

**Please note:** Condition of Licence Part B 2.1 requires licence holders to "conduct inspections of equipment, installation methods... to ensure that equipment and structures are capable of functioning as intended in the environment where they are located...". There was a significant amount of unmaintained shellfish aquaculture gear on the intertidal zone. Degraded aquaculture infrastructure and gear should be identified during this process and removed or upgraded as a best management practice.

Document Released Under the Access to Information Act / Document divulgué en vertu de la Loi sur l'accès à l'information.

The Department must be notified when the above remediation works are complete. Photographic images must be submitted to <u>Shellfish.Aquaculture@dfo-mpo.gc.ca</u> to verify that the remediation efforts were undertaken. Please ensure you include your facility reference number (897) in your e-mail subject line.

If you have any question or concerns regarding this matter please contact Shelley Jepps at Shelley.jepps@dfo-mpo.gc.ca.

Please note that this letter is not meant to suggest that a comprehensive assessment of ALL Conditions of Licence has been conducted and does not address conditions other than those specifically observed on the day of inspection. Nor does it preclude any potential charges laid by Fishery Officers in response to these or any further identified violations under the *Fisheries Act* and/or associated *Regulations*.

Sincerely,

**Shelley Jepps** 

Shelley Jepps

Senior Shellfish Aquaculture Biologist | Biologiste principal de mollusque de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada 1520 Tamarac Street | 1520 Tamarac Street

Campbell River, BC V9W 3M5| Campbell River (C.-B.) V9W 3M5

Cc: Compliance & Protection Aquaculture Unit Aquaculture Resource Management FLNRO (Licensing and Compliance)



## Warning Ticket / Avertissement

## D15#2018-02486

Pursuar	nt To The Federal Fisheries Act /	En vertue d	de la Loi sur les pêches fédérale
Issued to / Délivré à: PPHROOF	E'S CHARDEN OUSTER CO	D.O.B / DN:	
Position /	OSF LILENCE HOI		
	PHRODITE'S GARDE	NO CH	STER COMPANY
Site Location / Emplacement du site:	MENENEN BAY, O	KEOVE	R INLET-FRN#897/LF019533
	Aquaculture Licence No. / N° de permis d'a	quaculture	Species / Espèces
Marine Finfish / Poissons marins			
Fresh Water / Poissons d'eau douce			
Shellfish / Fruits de mer	AQSF#114548		
Other / Autre			
	Description of violation /	Description	do l'information
	Description of violation /	Description	de l'intraction
Violation Date / Date de l'in	nfraction: MPM I	2,30	18
Regulation / Réglementation:	Pacific Aquaculture Regs / Règlement du Pacifique sur l'aquacultu	ure	Eishery(General) Regs 22(7) / Paragraphe 22(7) du Règlement de pêche (dispositions générales)
Sec#/C.O.L.# / AQSF Art. n° / CDP n°: 5.7.3	"PREMETOR EXCLUSION OFFICE CHAPMENTO	DENEUE FASE	s-Constructed/manlavied to ?
Sec#/C.O.L.# / P/QSF Art. n° / CDP n°: 5.8.3	E STOLAGE SECURE - E	misone	- Lancher affixed and of
Sec#/C.O.L.# / <b>AQST</b> Art. n° / CDP n°: <b>5.8.</b> 4	3 fourchime Repus	E-Not	r bochus canse fallow i troduction
	4:		Licence Permis
You are required to com compliance with the regularity vous êtes tenu de vous réglementation.	ulations. / ot conformer à la Er	her action tha n plus du pré	oes not preclude Fisheries and Oceans taking any at it may consider appropriate in the circumstances. / sent avertissement, Pêches et Oceans Canada toute autre mesure qu'il jugera appropriée compte nstances.
Name and Number of Fish l'agent des pêches ou du g	ery Officer / Guardian Nom et numéro de garde-pêche:	Signature /S	ignature:
Name of recipient / Nom du	u destinataire:	Signature / S	ignature:
Date of issue / Date de déli	79, 2018 livrante!	Time of issue	e / Heure de délivrance:

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From:

Scott, Melinda on behalf of AOSF / AOSF (DFO/MPO)

To: Cc:

AQSF / AQSF (DFO/MPO)

Subject:

DFO shellfish aquaculture facility: AQSF 1489

Date:

July-04-18 09:46:51

Attachments:

Final Shellfish Inspection Letter to Grower 1489 2402464.pdf

Warning Ticket AO0090-FRN1489

DFO Shellfish Information Notice June 2018.pdf Seabed Survey and Cleanup Instructions.pdf

Importance:

High

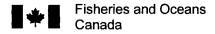
Attention Aquaculture Licence Holder,

Please find attached important information regarding your DFO shellfish aquaculture facility: **AQSF 1489**.

If you have any questions, please contact Aquaculture Resource Management: <a href="mailto:shellfish.aquaculture@dfo-mpo.gc.ca">shellfish.aquaculture@dfo-mpo.gc.ca</a>

#### Melinda Scott

Aquaculture Management Coordinator | Coordinatrice sénior - Gestion de l'aquaculture Fisheries Management | Direction des pêches
Aquaculture Management Division | Division de la gestion de l'aquaculture
Fisheries and Oceans Canada | Pêches et Océans Canada
Government of Canada | Gouvernement du Canada
www.pac.dfo-mpo.gc.ca



Pêches et Océans Canada

Pacific Region 1520 Tamarac Street Campbell River, British Columbia V9W 3M5 Région du Pacifique 1520 Tamarac Street Campbell River (C.-B.) V9W 3M5

June 28, 2018

1840 Lund Highway Powell River, British Columbia V8A 0G6

Dear Licence Holder:

Subject: Post Inspection Report; Licence #114566, Facility #1489, Land file #2402464

Fisheries and Oceans Canada (the Department) conducted a site inspection of your facility on May 15 and 17, 2018. The purpose of this letter is to inform you of violations under the AQSF 114566 Conditions of Licence that were observed at the time of inspection.

In an effort to uphold the Department's commitment to accountable governance, violations referred to in this letter will form part of the performance history for your site and may be considered in response to violations identified in the future.

#### Violations Identified:

#### Condition of Licence Part B

8.1 The licence holder shall ensure that "Styrofoam" used for floatation is securely wrapped in containment material so as to remain intact. Any floatation material that is degrading or is otherwise no longer in use shall be removed from the marine environment and disposed of at land-based facilities.

**Description of violation:** At the time of inspection, Styrofoam floats on raft structures were exposed and degrading.

**Remediation:** All exposed Styrofoam needs to be removed from the site and disposed of at an upland facility and may not be returned to the marine environment. Replacement floats should be a non-Styrofoam durable option. Any Styrofoam taken out of the marine environment must be disposed of at land-based facilities. Remediation measures must be completed by September 30, 2018.

A representative photo of this violation, taken while on site, has been included below.





Photo 1: exposed Styrofoam

8.3 The licence holder shall not store or leave any aquaculture equipment or structures on the licensed area unless the equipment or structures are in that location as part of an aquaculture activity and are affixed/secured so as not to move off the licensed area.

**Description of violation:** At the time of inspection, there was a significant amount of unsecured gear associated with the suspended component of this licence.

**Remediation:** Unsecured gear or equipment needs to be secured or removed. Remediation measures must be completed by September 30, 2018.

Representative photos of this violation, taken while on site, have been included below.



Photo 2: stack of oyster cages on intertidal zone



Photo 3: unsecured aquaculture gear

8.4 The licence holder shall not introduce or cause or allow the introduction of aquaculture refuse (including but not limited to infrastructure, equipment and materials) into the environment in the course of conducting aquaculture activities.

**Description of violation:** At the time of inspection there was a large amount of debris comprised of degraded/unmaintained shellfish aquaculture gear. Debris was identified in the intertidal zone, including but not limited to cargo nets, degraded vexar bags, metal frame, a heavily overgrown module of French tubes, degraded floats, and barrels. Other debris was observed on the licenced area such sinking polar circles and boat. A remotely operated vehicle was deployed at the site and submerged half barrels were identified on the seabed.

**Remediation required:** All degraded aquaculture equipment/gear/infrastructure and refuse needs to be removed from the licenced area, including from the seabed. All refuse needs to be disposed of at a land-based facility. The Department requires that you address the above concern by September 30, 2018.

Representative photos of this violation, taken while on site, have been included below.



Photo 4: debris (vexar bags) in intertidal



Photo 5: heavily overgrown module





Photo 6: debris - escaped barrel floats

Photo 7: sinking boat

Please note: Condition of Licence Part B 2.1 requires licence holders to "conduct inspections of equipment, installation methods... to ensure that equipment and structures are capable of functioning as intended in the environment where they are located...". There was a significant amount of unmaintained shellfish aquaculture gear on the intertidal zone. Degraded aquaculture infrastructure and gear should be identified during this process and removed or upgraded as a best management practice.

Please note: Section 36(3) of the *Fisheries Act* states "Subject to subsection (4), no person shall deposit or permit the deposit of a deleterious substance of any type in water frequented by fish or in any place under any conditions where the deleterious substance or any other deleterious substance that results from the deposit of the deleterious substance may enter any such water." At the time of inspection sources of deleterious substances were identified. Prior to a violation occurring, please provide secondary containment for all potentially deleterious substances and employ all best management practices when storing and handling potentially deleterious substances. Please ensure you have appropriate spill response at your site.

The Department must be notified when the above remediation works are complete. Photographic images must be submitted to <a href="mailto:Shellfish.Aquaculture@dfo-mpo.gc.ca">Shellfish.Aquaculture@dfo-mpo.gc.ca</a> to verify that the remediation efforts were undertaken. As an underwater, on-bottom cleanup is required please submit a cleanup survey report. For instructions on how to complete such a survey and report, please refer to the section titled "Seabed Survey and Cleanup Instructions for Subtidal Shellfish Aquaculture Sites". Please ensure you include your facility reference number (116) in your e-mail subject line.

If you have any question or concerns regarding this matter please contact Shelley Jepps at Shelley.jepps@dfo-mpo.gc.ca.

Please note that this letter is not meant to suggest that a comprehensive assessment of ALL Conditions of Licence has been conducted and does not address conditions other than those specifically observed on the day of inspection. Nor does it preclude any

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potential charges laid by Fishery Officers in response to these or any further identified violations under the *Fisheries Act* and/or associated *Regulations*.

Sincerely,

Shelley Jepps

Senior Shellfish Aquaculture Biologist | Biologiste principal de mollusque de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada 1520 Tamarac Street | 1520 Tamarac Street

Campbell River, BC V9W 3M5| Campbell River (C.-B.) V9W 3M5

Attach: Instructions for cleanup of seabed beneath suspended aquaculture tenures 2018

Cc: Compliance & Protection Aquaculture Unit Aquaculture Resource Management

FLNRO (Licensing and Compliance)

Document Released Under the Access to Information Act / Document divulgué en vertu de la Loi sur l'accès à l'infoAQi0090

# Warning Ticket / Avertissement

## D16#2018-02493

Pursuant To The Federal Fisheries Act / En vertue de la Loi sur les pêches fédérale					
Issued to / Délivré à:			D.O.B / DN:		
	OSF LIE	mure Ho	LOCK		
Company Name / Nom de l'entreprise:					
Site Location / Emplacement du site:	OKEOVER	INLET	-FRN#	1489/LF#2402464	
	Aquaculture Licence	e No. / N° de permi	s d'aquaculture	Species / Espèces	٦
Marine Finfish / Poissons marins				,	
Fresh Water / Poissons d'eau douce					
Shellfish / Fruits de mer	AQSF +	114566			
Other / Autre					
			/ Description	de Min English	_ _
	De	escription of violation	on / Description	de l'infraction	_
Violation Date / Date de l'i	nfraction:	MAY 15	177,0	018	
Regulation / Réglementation:	Pacific Aquacu Règlement du	ulture Regs / Pacifique sur l'aqua	nculture	Píshery(General) Regs 22(7) / Paragraphe 22(7) du Règlement de pêche (dispositions générales)	۱
Sec#/C.O.L.# / AQS/F Art. n° / CDP n°: 5-8.1	"STYPUFORY	M-Enaire material	sourch	wasped Unused Hegrading	02
Sec#/C.O.L.#/ PYQSC Art. n° / CDP n°: 5.8.3					Candi
Sec#/C.O.L.# / AQSF Art. n° / CDP n°: 5.8.4				refuse into environment Permis	Conditions of Licence
Sec#/C.O.L.# / Art. n° / CDP n°:	4:				Sener.
You are required to come into  compliance with the regulations. /  Vous êtes tenu de vous conformer à la  réglementation.  This warning does not preclude Fisheries and Oceans taking any other action that it may consider appropriate in the circumstances. /  En plus du présent avertissement, Pêches et Océans Canada pourra prendre toute autre mesure qu'il jugera appropriée compte tenu des circonstances.					
KWA				Walde	7
Name and Number of Fishery Officer / Guardian Nom et numéro de l'agent des pêches ou du garde-pêche:  Signatur		Signature 75	Signature:	$\dashv$	
Name of recipient / Nom d	u destinataire:		Signature / S	Signature:	_
		301B			
Date of issue / Date de dé	irvrance:		Time of issu	e / Heure de délivrance:	لــ

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From:

Scott, Melinda on behalf of AOSF / AOSF (DFO/MPO)

To: Cc: "pnwshell@telus.net" AQSF / AQSF (DFO/MPQ)

Subject:

DFO shelifish aquaculture facility: AQSF 97

Date:

July-05-18 15:32:30

Attachments:

Final Shellfish Inspection Letter to Grower 97 0278763.pdf

Warning Ticket-AO0095-PNWSF CO LTD.pdf

DFO Shellfish Information Notice June 2018.pdf

Importance:

High

Attention Aquaculture Licence Holder,

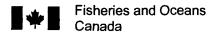
Please find attached important information regarding your DFO shellfish aquaculture facility: **AQSF 97**.

If you have any questions, please contact Aquaculture Resource Management: <a href="mailto:shellfish.aquaculture@dfo-mpo.gc.ca">shellfish.aquaculture@dfo-mpo.gc.ca</a>

#### Melinda Scott

Aquaculture Management Coordinator | Coordinatrice sénior - Gestion de l'aquaculture Fisheries Management | Direction des pêches

Aquaculture Management Division | Division de la gestion de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada | Government of Canada | Gouvernement du Canada www.pac.dfo-mpo.gc.ca



Pêches et Océans Canada

Pacific Region 1520 Tamarac Street Campbell River, British Columbia V9W 3M5 Région du Pacifique 1520 Tamarac Street Campbell River (C.-B.) V9W 3M5

July 3, 2018

Pacific Northwest Shellfish Company Ltd. 150-8851 Beckwith Road Richmond, British Columbia V6X 1V4

Dear Licence Holder:

Subject: Post Inspection Report; Licence #114594, Facility #97, Land file #0278763

Fisheries and Oceans Canada (the Department) conducted a site inspection of your facility on May 29, 2018. The purpose of this letter is to inform you of violations under the AQSF 114594 Conditions of Licence that were observed at the time of inspection.

In an effort to uphold the Department's commitment to accountable governance, violations referred to in this letter will form part of the performance history for your site and may be considered in response to violations identified in the future.

### Violations Identified:

#### Condition of Licence Part B

7.3 The licence holder shall ensure that predator exclusion devices are constructed and maintained to prevent entrapment and avoid potential injury to fish species or wildlife; and to function as intended.

**Description of violation:** At the time of inspection, predator netting was not functioning as intended as it was not laidout and secured flat to the substrate.

**Remediation:** The predator netting must be removed or laid flat and secured to the substrate by September 30, 2018.

**Please note:** unmaintained predator netting can pose an entanglement and entrapment hazard to marine organisms and wildlife.

A representative photo, taken while on site, of the violation is attached below.





Photo 1: predator netting not functioning as intended.

8.1 The licence holder shall ensure that "Styrofoam" used for floatation is securely wrapped in containment material so as to remain intact. Any floatation material that is degrading or is otherwise no longer in use shall be removed from the marine environment and disposed of at land-based facilities.

**Description of violation:** At the time of inspection, Styrofoam floats on raft structures were exposed due to the wrapping becoming loose and/or torn.

**Remediation:** All exposed Styrofoam needs to be removed from the site and disposed of at an upland facility and may not be returned to the marine environment. Any Styrofoam taken out of the marine environment must be disposed of at land-based facilities. Remediation measures must be completed by September 30, 2018.

A representative photo, taken while on site, of the violation has been included below.



Photo 2: exposed and degrading Styrofoam

8.3 The licence holder shall not store or leave any aquaculture equipment or structures on the licensed area unless the equipment or structures are in that location as part of an aquaculture activity and are affixed/secured so as not to move off the licensed area.

**Description of violation:** At the time of inspection, rafts were degrading and grounded out on the intertidal zone. Unsecured oyster trays and black plastic pipes were observed on rafts.

**Remediation required:** Rafts are not a component of intertidal culture activities. At no time should a raft be grounding out on the intertidal zone. The rafts are in a degraded state and need to be disassembled and removed from the intertidal zone. All debris needs to be disposed of at an upland facility. Oyster trays should be secured to the rafts floating on a licenced suspended aquaculture facility or area or stored off site. Remediation measures must be completed by September 30, 2018.

A representative photo, taken while on site, of the violation has been included below.

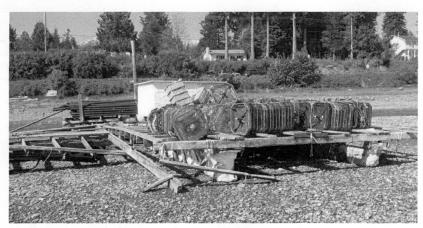


Photo 3: suspended gear on the intertidal zone.

8.4 The licence holder shall not introduce or cause or allow the introduction of aquaculture refuse (including but not limited to infrastructure, equipment and materials) into the environment in the course of conducting aquaculture activities.

**Description of violation:** At the time of inspection, significant debris in the form of unmaintained and degrading shellfish aquaculture gear and equipment was identified on the licenced area.

**Remediation required:** All degraded aquaculture equipment/gear/infrastructure and refuse needs to be removed from the licenced area, including the rafts, associated shellfish gear and Styrofoam. The unmaintained predator netting and vexar fencing also needs to be removed or maintained. Remediation measures must be completed by September 30, 2018.

Representative photos, taken while on site, of the violation have been included, see photos above and additional photo below.

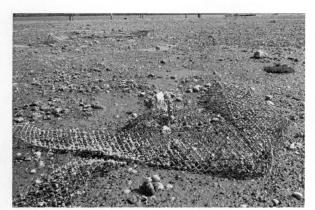


Photo 4: unmaintained vexar fence

**Please note:** Condition of Licence Part B 2.1 requires licence holders to "conduct inspections of equipment, installation methods... to ensure that equipment and structures are capable of functioning as intended in the environment where they are located...". Degraded aquaculture infrastructure and gear should be identified during this process and removed or upgraded as a best management practice.

The Department must be notified when the above remediation works are complete. Photographic images must be submitted to <u>Shellfish.Aquaculture@dfo-mpo.gc.ca</u> to verify that the remediation efforts were undertaken. Please ensure you include your facility reference number (97) in your e-mail subject line.

If you have any question or concerns regarding this matter please contact Shelley Jepps at Shelley.jepps@dfo-mpo.gc.ca.

Please note that this letter is not meant to suggest that a comprehensive assessment of ALL Conditions of Licence has been conducted and does not address conditions other than those specifically observed on the day of inspection. Nor does it preclude any potential charges laid by Fishery Officers in response to these or any further identified violations under the *Fisheries Act* and/or associated *Regulations*.

Sincerely,

Shelley Jepps

Shelley Jepps

Senior Shellfish Aquaculture Biologist | Biologiste principal de mollusque de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada 1520 Tamarac Street | 1520 Tamarac Street

Campbell River, BC V9W 3M5| Campbell River (C.-B.) V9W 3M5

Cc: Compliance & Protection Aquaculture Unit Aquaculture Resource Management FLNRO (Licensing and Compliance)



## Warning Ticket / Avertissement

DV5#2018-02133

Pursuant To The Federal Fisheries Act / En vertue de la Loi sur les pêches fédérale				
Issued to / D.O.B / Délivré à: PPCFPTE NORTHWEST SHELLFISH (D. LTO DN:				
Position /	ADSF LIEFNCE H		5	
Company Name / Nom de l'entreprise:	ACTFIL NORTHWEST			
Site Location / Emplacement du site:	FANNY BAM, BA	INES S	CUND FRN#97/LF#0078763	
	Aquaculture Licence No. / N° de permis d'ac	quaculture	Species / Espèces	
Marine Finfish / Poissons marins				
Fresh Water / Poissons d'eau douce				
Shellfish / Fruits de mer	AQSF # 114594			
Other / Autre				
	Description of violation /	Description d	le l'infraction	
Violation Date / Date de l'inf	raction: MAY 29/19	&		
Regulation / Réglementation:	Pacific Aquaculture Regs / Règlement du Pacifique sur l'aquacultu	ire	Fishery(General) Regs 22(7) / Paragraphe 22(7) du Règlement de pêche (dispositions générales)	
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You are required to come compliance with the regu Vous êtes tenu de vous créglementation.	lations. / oth conformer à la En	ner action tha plus du prés	pes not preclude Fisheries and Oceans taking any it it may consider appropriate in the circumstances. / sent avertissement, Pêches et Oceans Canada toute autre mesure qu'il jugera appropriée compte stances.	
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Name and Number of Fishe l'agent des pêches ou du ga	NOF 99000 ry Officer / Guardian Nom et numéro de arde-pêche:	Signature / Si	Waldo gneture:	
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From:

Scott, Melinda on behalf of AQSF / AQSF (DFO/MPO)

To: Cc: "dalinseafood@gmail.com" AOSF / AOSF (DFO/MPO)

Subject:

DFO shellfish aquaculture facility: AQSF 1009

Date:

July-05-18 14:50:32

Attachments:

Final Shellfish Inspection Letter to Grower 1009 2401557.pdf

Warning Ticket-AO0093-SUPER SHELL.pdf

DFO Shellfish Information Notice June 2018.pdf

Importance:

High

Attention Aquaculture Licence Holder,

Please find attached important information regarding your DFO shellfish aquaculture facility: **AQSF 1009**.

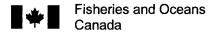
If you have any questions, please contact Aquaculture Resource Management: <a href="mailto:shellfish.aquaculture@dfo-mpo.gc.ca">shellfish.aquaculture@dfo-mpo.gc.ca</a>

#### Melinda Scott

Aquaculture Management Coordinator | Coordinatrice sénior - Gestion de l'aquaculture Fisheries Management | Direction des pêches

Aquaculture Management Division | Division de la gestion de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada Government of Canada | Gouvernement du Canada www.pac.dfo-mpo.gc.ca

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Pêches et Océans Canada

Pacific Region 1520 Tamarac Street Campbell River, British Columbia V9W 3M5 Région du Pacifique 1520 Tamarac Street Campbell River (C.-B.) V9W 3M5

June 29, 2018

Super Shell Enterprises Ltd

Dear Licence Holder:

Subject: Post Inspection Report; Licence #114451, Facility #1009, Land file #2401557

Fisheries and Oceans Canada (the Department) conducted a site inspection of your facility on May 15, 2018. The purpose of this letter is to inform you of violations under the AQSF 114451 Conditions of Licence that were observed at the time of inspection.

In an effort to uphold the Department's commitment to accountable governance, violations referred to in this letter will form part of the performance history for your site and may be considered in response to violations identified in the future.

#### **Violations Identified:**

#### Condition of Licence Part B

6.1 With the exception of Varnish clam, which may be retained, and licensed species as prescribed in 4.1(b), every person who catches a fish incidentally must immediately return it to the water in a manner that causes it the least harm.

"Incidental Catch" for the purposes of marine shellfish aquaculture means fish species that:

- (a) are not specifically named on the face of the aquaculture licence; and
- (b) set naturally, or become entrapped or entangled on aquaculture structures with the licensed species.

**Description of violation:** At the time of inspection, two red rock crabs were caught in scallop nets on the intertidal zone indicating that they were not released in a manner that causes the least harm.

**Remediation:** The scallop nets need to be removed from the intertidal zone. Remediation measures must be completed by September 30, 2018.



A representative photo, taken while on site, of the violation has been included below.



Photo 1: dead red rock crab found under scallop nets

8.1 The licence holder shall ensure that "Styrofoam" used for floatation is securely wrapped in containment material so as to remain intact. Any floatation material that is degrading or is otherwise no longer in use shall be removed from the marine environment and disposed of at land-based facilities.

**Description of violation:** At the time of inspection, exposed and degrading Styrofoam was associated with floats on the water and with a beached and broken up work float on the intertidal zone.

**Remediation:** All exposed Styrofoam needs to be removed from the site and disposed of at an upland facility and may not be returned to the marine environment. Replacement floats should be a non-Styrofoam durable option. Any Styrofoam taken out of the marine environment must be disposed of at land-based facilities. Remediation measures must be completed by September 30, 2018.

Representative photos, taken while on site, of the violation have been included below.



Photo 2: broken up work float with exposed Styrofoam and other associated shellfish aquaculture debris.

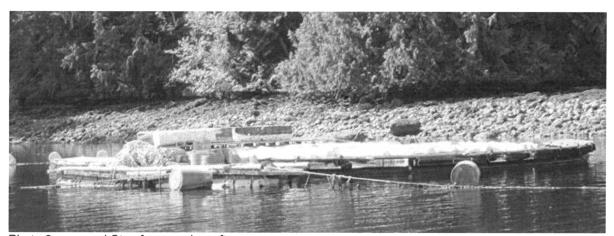


Photo 3: exposed Styrofoam under rafts

8.3 The licence holder shall not store or leave any aquaculture equipment or structures on the licensed area unless the equipment or structures are in that location as part of an aquaculture activity and are affixed/secured so as not to move off the licensed area.

**Description of violation:** At the time of inspection, there was a large amount of gear associated with suspended culture that was found on the intertidal zone including a work float and scallop nets.

**Remediation required:** All gear used for suspended culture must be removed from the intertidal zone. The beach work float need to be removed from the intertidal zone. As there is exposed Styrofoam it must not be placed back into the marine environment

until the floats are replaced. Remediation measures must be completed by September 30, 2018.

A representative photo, taken while on site, of the violation is included below.

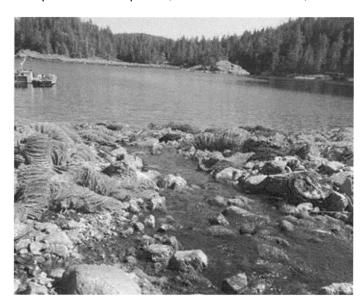


Photo 4: Suspended gear on the intertidal zone.

8.4 The licence holder shall not introduce or cause or allow the introduction of aquaculture refuse (including but not limited to infrastructure, equipment and materials) into the environment in the course of conducting aquaculture activities.

**Description of violation:** At the time of inspection, a massive amount of debris comprised of degraded/unmaintained shellfish aquaculture gear was identified on the licenced area. Debris included unmaintained trays, barrels, buckets, netting, scallop nets, exposed Styrofoam, rope, pvc pipe. Debris was found on the marine riparian, on the intertidal zone, in salt marsh and in an intertidal creek channel.

**Remediation required:** All degraded aquaculture equipment/gear/infrastructure and refuse needs to be removed from the licenced area. All refuse needs to be disposed of at a land-based facility. The Department requires that you address the above concern by September 30, 2018.

**Please note:** Aquaculture gear was found in and immediately adjacent in a small intertidal creek and salt marsh. The Department recommends that no aquaculture gear or infrastructure be placed in or immediately adjacent to intertidal stream channels to ensure gear functions as intended, to minimize loss of gear to the environment, and to protect for any associated fishery values. It also recommends that no aquaculture gear

or infrastructure or activities take place in salt marsh. Please be aware that the Federal *Fisheries Act* section 35 (2) prohibits the destruction of fish habitat. Salt marsh is considered a sensitive and important fish habitat.

**Please note:** Condition of Licence Part B 2.1 requires licence holders to "conduct inspections of equipment, installation methods... to ensure that equipment and structures are capable of functioning as intended in the environment where they are located...". Degraded aquaculture infrastructure and gear should be identified during this process and removed or upgraded as a best management practice.

The Department must be notified when the above remediation works are complete. Photographic images must be submitted to <u>Shellfish.Aquaculture@dfo-mpo.gc.ca</u> to verify that the remediation efforts were undertaken. Please ensure you include your facility reference number (1009) in your e-mail subject line.

If you have any question or concerns regarding this matter please contact Shelley Jepps at Shelley.jepps@dfo-mpo.gc.ca.

Please note that this letter is not meant to suggest that a comprehensive assessment of ALL Conditions of Licence has been conducted and does not address conditions other than those specifically observed on the day of inspection. Nor does it preclude any potential charges laid by Fishery Officers in response to these or any further identified violations under the *Fisheries Act* and/or associated *Regulations*.

Sincerely,

Shelley Jepps

Senior Shellfish Aquaculture Biologist | Biologiste principal de mollusque de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada

1520 Tamarac Street | 1520 Tamarac Street

Shelley Jepps

Campbell River, BC V9W 3M5| Campbell River (C.-B.) V9W 3M5

Cc: Compliance & Protection Aquaculture Unit

Aquaculture Resource Management FLNRO (Licensing and Compliance)



## Warning Ticket / Avertissement

DYS#2018-02484

Pursuant To The Federal Fisheries Act / En vertue de la Loi sur les pêches fédérale

Issued to / Délivré à: SUPERS HELL ENT. LTD. D.O.B / DN:				
Position/ Poste: AQSF LILENCE HOLDER				
	uper show enter	PRISE	S ID.	
Site Location / Emplacement du site:	MENENEN BAY.	- FRN	#1009/LF#2101557	
	Aquaculture Licence No. / N° de permis d'aq	uaculture	Species / Espèces	
Marine Finfish / Poissons marins				
Fresh Water / Poissons d'eau douce				
Shellfish / Fruits de mer	ARSF # 114451			
Other / Autre				
	Description of violation / [	Description (	do l'infraction	
Violation Date / Date de l'inf	raction: MAY	16,00		
Regulation / Réglementation:	Pacific Aquaculture Regs / Règlement du Pacifique sur l'aquacultur	re	Fishery(General) Regs 22(7) / Paragraphe 22(7) du Règlement de pèche (dispositions générales)	
Sec#/C.O.L.#/ ARSF 1: IncroFrith correct - Must in-necliately rehinst to water of the manner that causes teast harm  Sec#/C.O.L.#/ ARSF 2: STYRDFOAM - France securely wrapped Unused/ of disposed of				
Sec#/C.O.L.#/ ARSF 3: STORAGE/SECURE - Femiphen/Circhire nolstored or Sec#/C.O.L.#/ ARSF 3: STORAGE/SECURE - Femiphen/Circhire nolstored or Sec#/C.O.L.#/ ARSF 3: STORAGE/SECURE - Femiphen/Circhire nolstored or Sec#/C.O.L.#/ ARSF 4: Allowanture Refuse - Not in advanture affix secura of aquaculture refuse into environment				
You are required to come into  compliance with the regulations. /  Vous êtes tenu de vous conformer à la réglementation.  This warning does not preclude Fisheries and Oceans taking any other action that it may consider appropriate in the circumstances. / En plus du présent avertissement, Pêches et Océans Canada pourra prendre toute autre mesure qu'il jugera appropriée compte tenu des circonstances.				
Name and Number of Fishery Officer / Guardian Nom et numéro de l'agent des pêches ou du garde-pêche:			Word ignature:	
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JUNE 29 18				
Date of issue / Date de délivrance: / Time of issue / Heure de délivrance:				

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Document Released Under the Access to Information Act / Document divulgué en vertu de la Loi sur l'accès à l'information.

From:

Scott, Melinda on behalf of AOSF / AOSF (DFO/MPO)

To:

Cc:

AOSF / AOSF (DFO/MPO)

Subject:

DFO shellfish aquaculture facility: AQSF 83

Date:

July-06-18 11:37:28

Attachments:

DFO Shellfish Information Notice June 2018.pdf

Final Shellfish Inspection Letter to Grower 83 0294094.pdf

Warning Ticket-AO0094-LUCKY 8S OYSTER.pdf

Importance:

High

Attention Aquaculture Licence Holder,

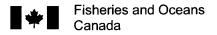
Please find attached important information regarding your DFO shellfish aquaculture facility: AQSF 83.

If you have any questions, please contact Aquaculture Resource Management: shellfish.aquaculture@dfo-mpo.gc.ca

#### Melinda Scott

Aquaculture Management Coordinator | Coordinatrice sénior - Gestion de l'aquaculture Fisheries Management | Direction des pêches Aquaculture Management Division | Division de la gestion de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada Government of Canada | Gouvernement du Canada www.pac.dfo-mpo.gc.ca

s.19(1)



Pêches et Océans Canada

Pacific Region 1520 Tamarac Street Campbell River, British Columbia V9W 3M5 Région du Pacifique 1520 Tamarac Street Campbell River (C.-B.) V9W 3M5

July 3, 2018

Lucky 8's Oyster Co. Ltd.

Dear Licence Holder:

Subject: Post Inspection Report; Licence #114487, Facility #83, Land file #0294094

Fisheries and Oceans Canada (the Department) conducted a site inspection of your facility on May 29, 2018. The purpose of this letter is to inform you of violations under the AQSF 114487 Conditions of Licence that were observed at the time of inspection.

In an effort to uphold the Department's commitment to accountable governance, violations referred to in this letter will form part of the performance history for your site and may be considered in response to violations identified in the future.

### **Violations Identified:**

### **Condition of Licence Part B**

7.3 The licence holder shall ensure that predator exclusion devices are constructed and maintained to prevent entrapment and avoid potential injury to fish species or wildlife; and to function as intended.

**Description of violation:** At the time of inspection, predator netting was not functioning as intended as some panels were unmaintained and partially buried by sediment.

**Please note:** Unmaintained predator netting and vexar fencing can pose an entrapment/entanglement hazard to marine organisms and wildlife.

A representative photo, taken while on site, of the violation is attached below.



s.19(1)



Photo 1: embedded pred. net

**Remediation:** The predator netting must be inspected and all predator netting found to be in need of maintenance should be maintained or removed. All buried predator netting must be freed from the sediment. Any predator netting deployed at the site must be laid out and secured flat. All predator netting that is degraded must be identified, removed and disposed of appropriately at an upland facility. Remediation measures must be completed by September 30, 2018.

8.4 The licence holder shall not introduce or cause or allow the introduction of aquaculture refuse (including but not limited to infrastructure, equipment and materials) into the environment in the course of conducting aquaculture activities.

**Description of violation:** At the time of inspection, debris in the form of unmaintained shellfish aquaculture gear and equipment (vexar fencing, cargo netting, predator netting) was identified on the licenced area.

**Remediation required:** All degraded aquaculture equipment/gear/infrastructure and refuse needs to be removed from the licenced area. All refuse needs to be disposed of at a land-based facility. The Department requires that you address the above concern by September 30, 2018.

Representative photos, taken while on site, of the violation have been included below.







Photo 3: miscellaneous debris

**Please note:** Condition of Licence Part B 2.1 requires licence holders to "conduct inspections of equipment, installation methods... to ensure that equipment and structures are capable of functioning as intended in the environment where they are located...". Degraded aquaculture infrastructure and gear should be identified during this process and removed or upgraded as a best management practice.

**Please note:** Rock walls are not an infrastructure that is identified in your Management Plan, nor are they considered "standard infrastructure". Please do not construct rock walls without submitting an application to amend your Management Plan and receiving a response back from the Department.

The Department must be notified when the above remediation works are complete. Photographic images must be submitted to <u>Shellfish.Aquaculture@dfo-mpo.gc.ca</u> to verify that the remediation efforts were undertaken. Please ensure you include your facility reference number (83) in your e-mail subject line.

If you have any question or concerns regarding this matter please contact Shelley Jepps at Shelley.jepps@dfo-mpo.gc.ca.

Please note that this letter is not meant to suggest that a comprehensive assessment of ALL Conditions of Licence has been conducted and does not address conditions other than those specifically observed on the day of inspection. Nor does it preclude any potential charges laid by Fishery Officers in response to these or any further identified violations under the *Fisheries Act* and/or associated *Regulations*.

Document Released Under the Access to Information Act / Document divulgué en vertu de la Loi sur l'accès à l'information.

Sincerely,

**Shelley Jepps** 

Shelley Jepps

Senior Shellfish Aquaculture Biologist | Biologiste principal de mollusque de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada | 1520 Tamarac Street | 1520 Tamarac Street | Campbell River, BC V9W 3M5| Campbell River (C.-B.) V9W 3M5

Cc: Compliance & Protection Aquaculture Unit Aquaculture Resource Management FLNRO (Licensing and Compliance)

Document Released Under the Access to Information Act / Document divulgué en vertu de la Loi sur l'accès à l'infcA@i0094

# Warning Ticket / Avertissement

DVS#0018-02-733

Pursuant 10 The Federal Fisheries Act / En vertue de la Loi sur les peches tederale					
Issued to / D.O.B / Delivré à: LUCLY 8'S OYSTER CO. LTO. DN:					
Position/ Poste: ARSF LICENCE HOLDIER					
Company Name / Nom de l'entreprise:					
Site Location / Emplacement du site: FAST MARFINA ISLAMO-FRN+83/LF# 0294094					
	Aquaculture Licence No. / N° de permis d'ac	quacuiture	Species / Espèces		
Marine Finfish / Poissons marins					
Fresh Water / Poissons d'eau douce					
Shellfish / Fruits de mer	AQST 114487				
Other / Autre					
	Description of violation /	Description (	de l'infraction		
Violation Date / Date de l'in	fraction: MPM 29	,0018			
Regulation / Pacific Aquaculture Regs / Fishery(General) Regs 22(7) / Paragra Règlement du Pacifique sur l'aquaculture Règlement de pêche (dispositions gér			Eishery(General) Regs 22(7) / Paragraphe 22(7) du Règlement de pêche (dispositions générales)		
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You are required to come into  Compliance with the regulations. /  Vous êtes tenu de vous conformer à la réglementation.  This warning does not preclude Fisheries and Oceans taking any other action that it may consider appropriate in the circumstances. /  En plus du présent avertissement, Pêches et Océans Canada pourra prendre toute autre mesure qu'il jugera appropriée compte tenu des circonstances.					
Kun	- #G				
Name and Number of Fishery Officer / Guardian Nom et numéro de l'agent des pêches ou du garde-pêche:  Signature / Signature:					
l'agent des pêches ou du g	aroe-peche.	/	3,14,14,14,14		
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Document Released Under the Access to Information Act / Document divulgué en vertu de la Loi sur l'accès à l'information.

From:

Scott, Melinda on behalf of AOSF / AOSF (DFO/MPO)

To: Cc:

AQSF / AQSF (DFO/MPO)

Subject:

DFO shellfish aquaculture facility: AQSF 88

Date:

July-06-18 11:56:09

Attachments:

<u>DFO Shellfish Information Notice June 2018.pdf</u> Final Shellfish Inspection Letter to Grower 88 0278667.pdf

Warning Ticket AQ0139

.pdf

Importance:

Warning Ticket-AQ0098-

Attention Aquaculture Licence Holder,

High

Please find attached important information regarding your DFO shellfish aquaculture facility: **AQSF 88**.

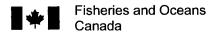
If you have any questions, please contact Aquaculture Resource Management: <a href="mailto:shellfish.aquaculture@dfo-mpo.gc.ca">shellfish.aquaculture@dfo-mpo.gc.ca</a>

#### Melinda Scott

Aquaculture Management Coordinator | Coordinatrice sénior - Gestion de l'aquaculture Fisheries Management | Direction des pêches | Aquaculture Management Division | Division de la gestion de l'aquaculture | Fisheries and Oceans Canada | Pêches et Océans Canada

Government of Canada | Gouvernement du Canada

www.pac.dfo-mpo.gc.ca



Pêches et Océans Canada

Pacific Region 1520 Tamarac Street Campbell River, British Columbia V9W 3M5 Région du Pacifique 1520 Tamarac Street Campbell River (C.-B.) V9W 3M5

July 3, 2018

PO Box 74 Manson's Landing, British Columbia V0P 1K0

Dear Licence Holder:

Subject: Post Inspection Report; Licence #114294, Facility #88, Land file #0278667

Fisheries and Oceans Canada (the Department) conducted a site inspection of your facility on May 29, 2018. The purpose of this letter is to inform you of violations under the AQSF 114294 Conditions of Licence that were observed at the time of inspection.

In an effort to uphold the Department's commitment to accountable governance, violations referred to in this letter will form part of the performance history for your site and may be considered in response to violations identified in the future.

#### **Violations Identified:**

### Site specific COL

- 1. Red Rock Crab Predator Management:
  - (i) Trenches installed in the substrate shall be anchored with rebar stakes and lined with material appropriate to prevent unintentional shifting and infilling of trenches with beach materials.
  - (ii) Exit trenches that allow marine organisms to escape alive and unharmed shall be inspected and maintained on a regular basis.

**Description of violation:** At the time of inspection, predator trench and exit trenches were infilled.

#### Condition of Licence Part B

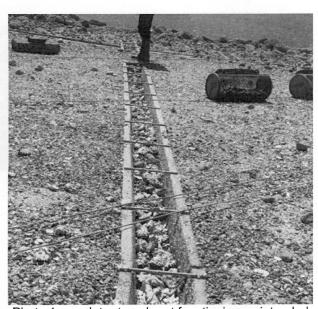
7.3 The licence holder shall ensure that predator exclusion devices are constructed and maintained to prevent entrapment and avoid potential injury to fish species or wildlife; and to function as intended.



**Description of violation:** At the time of inspection, predator netting was not functioning as intended as it was balled up and, as mentioned above, predator trenching was not functioning as intended as it was infilled by substrate.

**Remediation:** The predator netting must be removed or laid flat and secured to the substrate. Predator trenches must be removed or maintained. Remediation measures must be completed by September 30, 2018.

Representative photos, taken while on site, of the violation are attached below.



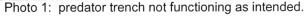




Photo 2: pred. net not functioning as intended

8.3 The licence holder shall not store or leave any aquaculture equipment or structures on the licensed area unless the equipment or structures are in that location as part of an aquaculture activity and are affixed/secured so as not to move off the licensed area.

**Description of violation:** At the time of inspection, unsecured pouches were found on the licensed area.

**Remediation required:** Pouches must be secured to the intertidal zone or removed from the licenced area. Remediation measures must be completed by September 30, 2018.

A representative photo, taken while on site, of the violation has been included below.



Photo 3: unsecured pouches

**Please note:** Condition of Licence Part B 2.1 requires licence holders to "conduct inspections of equipment, installation methods... to ensure that equipment and structures are capable of functioning as intended in the environment where they are located...". Degraded aquaculture infrastructure and gear should be identified during this process and removed or upgraded as a best management practice.

The Department must be notified when the above remediation works are complete. Photographic images must be submitted to <u>Shellfish.Aquaculture@dfo-mpo.gc.ca</u> to verify that the remediation efforts were undertaken. Please ensure you include your facility reference number (88) in your e-mail subject line.

If you have any question or concerns regarding this matter please contact Shelley Jepps at Shelley.jepps@dfo-mpo.gc.ca.

Please note that this letter is not meant to suggest that a comprehensive assessment of ALL Conditions of Licence has been conducted and does not address conditions other than those specifically observed on the day of inspection. Nor does it preclude any potential charges laid by Fishery Officers in response to these or any further identified violations under the *Fisheries Act* and/or associated *Regulations*.

Sincerely,

Shelley Jepps

Shelley Jepps

Senior Shellfish Aquaculture Biologist | Biologiste principal de mollusque de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada | 1520 Tamarac Street | 1520 T

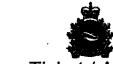
Campbell River, BC V9W 3M5| Campbell River (C.-B.) V9W 3M5

Cc: Compliance & Protection Aquaculture Unit

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Aquaculture Resource Management FLNRO (Licensing and Compliance)

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Warning Ticket / Avertissement

DVS#2018-02732 2018-02730

Pursua	ant To The Federal Fisheries Act /	En vertue	de la Loi sur les pêches fédérale	
Issued to / Délivré à:		D.O.B / DN:		
Position / Poste:	PROSE LICENCE HOLDERS			
Company Name / Nom de l'entreprise:		1, 0,200		
Site Location /			# Co () = >= 7 1 1 ->	
Emplacement du site: C	TORGE HARBOUR (C	ries I	SLAND-FRN#89/LF0778667 #908/LF1902707	
			#958/LF1402707	
	Aquaculture Licence No. / N° de permis d'	aquaculture	Species / Espèces	
Marine Finfish / Poissons marins				
Fresh Water / Poissons d'eau douce				
Shellfish / Fruits de mer	AOSF#114290/11420A	14		
Other / Autre				
	Description of violation	/ Description	de l'infraction	
	Description of Violation	Description	de minacion	
Violation Date / Date de l'i	infraction: MAY 8	9,20	<b>ା</b> ଡ	
Regulation / Réglementation:	Pacific Aquaculture Regs / Règlement du Pacifique sur l'aquaculi	Iure	Fishery(General) Regs 22(7) / Paragraphe 22(7) du Règlement de pêche (dispositions générales)	
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You are required to come into  compliance with the regulations. /  Vous êtes tenu de vous conformer à la réglementation.  This warning does not preclude Fisheries and Oceans taking any other action that it may consider appropriate in the circumstances. / En plus du présent avertissement, Pêches et Océans Canada pourra prendre toute autre mesure qu'il jugera appropriée compte tenu des circonstances.				
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Date of issue / Date de délivrance:		Time of issue	/ Heure de délivrance:	

Fishery Officer Copy Copie de l'agent des pêches



### Warning Ticket / Avertissement

Dustone-00732

Pursuant To The Federal Fisheries Act / En vertue de la Loi sur les pêches fédérale				
lssued to / Délivré à:		D.O.B / DN:		
Position / Poste:	ARSIF LICENCE HOL	MEAS		
Company Name / Nom de l'entreprise:	7.00	0-723		
Site Location /		~ ~ ~	m + 400 1 - + 2000 10	
Emplacement du site:	GOLGE HARBOUR, COR	TES TO	124010 - FRN #88/LF #0278667	
	Aquaculture Licence No. / N° de permis d'a	aquaculture	Species / Espèces	
Marine Finfish / Poissons marins				
Fresh Water / Poissons d'eau douce				
Shellfish / Fruits de mer	AQSF#114294			
Other / Autre				
	Description of violation	Description	do l'infraction	
	Description of violation /	Description	de i initaction	
Violation Date / Date de l'ir	nfraction: MAM 39	30E,		
Regulation / Réglementation:	Pacific Aquaculture Regs / Règlement du Pacifique sur l'aquacult	ure	Fishery(General) Regs 22(7) / Paragraphe 22(7) du Règlement de pêche (dispositions générales)	
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You are required to come into  Compliance with the regulations. /  Vous êtes tenu de vous conformer à la  réglementation.  This warning does not preclude Fisheries and Oceans taking any other action that it may consider appropriate in the circumstances. / En plus du présent avertissement, Pêches et Océans Canada pourra prendre toute autre mesure qu'il jugera appropriée compte tenu des circonstances.				
Name and Number of Fisher l'agent des pêches ou du g	ery Officer / Guardian Nom et numéro de	Signature// S	Maldu ignature:	
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From:

Scott, Melinda on behalf of AOSF / AOSF (DFO/MPO)

To:

Cc:

AOSF / AOSF (DFO/MPO)

Subject:

DFO shellfish aquaculture facility: AQSF 394

Date:

July-06-18 12:10:14

Attachments:

DFO Shellfish Information Notice June 2018.pdf

Final Shellfish Inspection Letter to Grower 394 1402733.pdf

Warning Ticket-AQ0097: .pdf

Importance:

High

Attention Aquaculture Licence Holder,

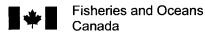
Please find attached important information regarding your DFO shellfish aquaculture facility: AQSF 394.

If you have any questions, please contact Aquaculture Resource Management: shellfish.aquaculture@dfo-mpo.gc.ca

### Melinda Scott

Aquaculture Management Coordinator | Coordinatrice sénior - Gestion de l'aquaculture Fisheries Management | Direction des pêches

Aquaculture Management Division | Division de la gestion de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada Government of Canada | Gouvernement du Canada www.pac.dfo-mpo.gc.ca



Pêches et Océans Canada

Pacific Region 1520 Tamarac Street Campbell River, British Columbia V9W 3M5 Région du Pacifique 1520 Tamarac Street Campbell River (C.-B.) V9W 3M5

July 4, 2018



Dear Licence Holder:

Subject: Post Inspection Report; Licence #114402, Facility #394, Land file #1402733

Fisheries and Oceans Canada (the Department) conducted a site inspection of your facility on May 29, 2018. The purpose of this letter is to inform you of violations under the AQSF 114402 Conditions of Licence that were observed at the time of inspection.

In an effort to uphold the Department's commitment to accountable governance, violations referred to in this letter will form part of the performance history for your site and may be considered in response to violations identified in the future.

### Violations Identified:

#### **Condition of Licence Part B**

7.3 The licence holder shall ensure that predator exclusion devices are constructed and maintained to prevent entrapment and avoid potential injury to fish species or wildlife; and to function as intended.

**Description of violation:** At the time of inspection, unmaintained predator netting was identified. Some panels were not functioning as intended as they were so brittle that they were disintegrating.

**Remediation:** The predator netting must be inspected and all predator netting found to be in need of maintenance should be maintained or removed. All predator netting that is degraded must be identified, removed and disposed of appropriately at an upland facility. Remediation measures must be completed by September 30, 2018.



s.19(1)





Photo 1 and 2: unmaintained predator netting disintegrating.

8.1 The licence holder shall ensure that "Styrofoam" used for floatation is securely wrapped in containment material so as to remain intact. Any floatation material that is degrading or is otherwise no longer in use shall be removed from the marine environment and disposed of at land-based facilities.

**Description of violation:** At the time of inspection, Styrofoam floats on raft structures were exposed.

**Remediation:** All exposed Styrofoam needs to be removed from the site and disposed of at an upland facility and may not be returned to the marine environment. Replacement floats should be a non-Styrofoam durable option. Any Styrofoam taken out of the marine environment must be disposed of at land-based facilities. Remediation measures must be completed by September 30, 2018.

A representative photo, taken while on site, of the violation has been included below.

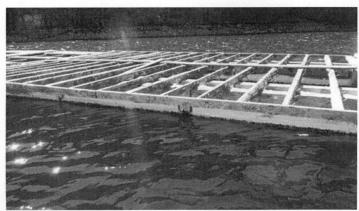


Photo 3: exposed Styrofoam

8.4 The licence holder shall not introduce or cause or allow the introduction of aquaculture refuse (including but not limited to infrastructure, equipment and materials) into the environment in the course of conducting aquaculture activities.

**Description of violation:** At the time of inspection, aquaculture related refuse, in the form of degrading gear/equipment (unmaintained vexar predator netting, a dilapidated raft, blue poly rope, fragments of French tubes, vexar bags and a blue plastic jug embedded in the substrate) was found on the licensed area.

**Remediation required:** All degraded aquaculture equipment/gear/infrastructure and refuse must be removed from marine environment and disposed of at a land-based facility. Remediation measures must be completed by September 30, 2018.

Representative photos, taken while on site, of the violation have been attached below.



Photo 2: blue poly rope (with biofouling).



Photo 3: degraded vexar bags

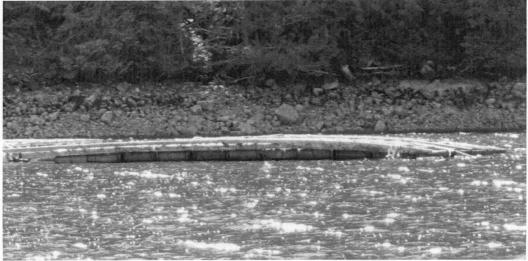


Photo 4: dilapidated raft.

Document Released Under the Access to Information Act / Document divulgué en vertu de la Loi sur l'accès à l'information.

Please note: Condition of Licence Part B 2.1 requires licence holders to "conduct inspections of equipment, installation methods... to ensure that equipment and structures are capable of functioning as intended in the environment where they are located...". Degraded aquaculture infrastructure and gear should be identified during this process and removed or upgraded as a best management practice.

The Department must be notified when the above remediation works are complete. Photographic images must be submitted to <u>Shellfish.Aquaculture@dfo-mpo.gc.ca</u> to verify that the remediation efforts were undertaken. Please ensure you include your facility reference number (394) in your e-mail subject line.

If you have any question or concerns regarding this matter please contact Shelley Jepps at Shelley.jepps@dfo-mpo.gc.ca.

Please note that this letter is not meant to suggest that a comprehensive assessment of ALL Conditions of Licence has been conducted and does not address conditions other than those specifically observed on the day of inspection. Nor does it preclude any potential charges laid by Fishery Officers in response to these or any further identified violations under the *Fisheries Act* and/or associated *Regulations*.

Sincerely,

Shelley Jepps

Shelley Jepps

Senior Shellfish Aquaculture Biologist | Biologiste principal de mollusque de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada 1520 Tamarac Street | 1520 Tamarac Street

Campbell River, BC V9W 3M5| Campbell River (C.-B.) V9W 3M5

Cc: Compliance & Protection Aquaculture Unit Aquaculture Resource Management FLNRO (Licensing and Compliance)

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## Warning Ticket / Avertissement

## DVS#2018-02727

### Pursuant To The Federal Fisheries Act / En vertue de la Loi sur les pêches fédérale

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Ssued to / D.O.B / Délivré à: DN:					
Position/ Poste: AQSF LICENCE HOLDER					
Company Name / Nom de l'entreprise:		p. 00-17,000.			-
011	DUARTZ	BAY, CORT	es Ibla	NO FRN#394/UF#140273	:3
	Aquaculture Lice	nce No. / N° de permi	s d'aquaculture	Species / Espèces	
Marine Finfish / Poissons marins					brack
Fresh Water / Poissons d'eau douce					
Shellfish / Fruits de mer	AQSF #	‡ 1144o2			
Other / Autre					
	· · · · · · · · · · · · · · · · · · ·	Description of violati	on / Description	de l'infraction	
Violation Date / Date de l'			19,0018		$\dashv$
Regulation / Pacific Aquaculture Regs / Règlement du Pacifique sur l'aquaculture			Eishery(General) Regs 22(7) / Paragraphe 22(7) d Règlement de pêche (dispositions générales)	ר	
Sec#10.0.L#/ AQSF 1: PREMITE EXCLUSION DEVICE - Constructed maintained to prevent of fire wildlife : function as interpolate			C.O.L		
Sec#/C.O.L.# / AQS = Art. n° / CDP n° 5.8.1	$\#(C, O, L\#/AC) \in \{2, \dots, n\}$			= Condil	
Sec#/C.O.L.# / <b>AQ</b> SF Art. n° / CDP n°: <5.8.\	n°/CDP n°: S. 8.4 3: ADUACULTURE PEPUSE - Not introduce/cause/allow introducehoz			Conditions of Licence	
Sec#/C.O.L.# / Art. n° / CDP n°:	4:			Permis	icence
You are required to come into  compliance with the regulations. /  Vous êtes tenu de vous conformer à la  réglementation.  This warning does not preclude Fisheries and Oceans taking any other action that it may consider appropriate in the circumstances. / En plus du présent avertissement, Pêches et Océans Canada pourra prendre toute autre mesure qu'il jugera appropriée compte tenu des circonstances.					
Name and Number of Fis l'agent des pêches ou du	hery Officer / Guardi	ົ່ ían Nom et numéro de	Signatule / S	July Lighter	
ragent des peches ou du	garue-pecile.		J. 3. 10. 10 7 C		$\dashv$
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From:

Scott, Melinda on behalf of AOSF / AOSF (DFO/MPO)

To:

Cc:

AOSF / AOSF (DFO/MPO)

Subject:

DFO shellfish aquaculture facility: AQSF 113

Date:

July-09-18 15:14:41

**Attachments:** 

DFO Shellfish Information Notice June 2018.pdf

Seabed Survey and Cleanup Instructions.pdf

Final Shellfish Inspection Letter to Grower 113 1404510.pdf

Warning Ticket A00134 MACS OYSTERS.pdf

Importance:

High

Attention Aquaculture Licence Holder,

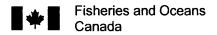
Please find attached important information regarding your DFO shellfish aquaculture facility: **AQSF 113**.

If you have any questions, please contact Aquaculture Resource Management: <a href="mailto:shellfish.aquaculture@dfo-mpo.gc.ca">shellfish.aquaculture@dfo-mpo.gc.ca</a>

#### Melinda Scott

Aquaculture Management Coordinator | Coordinatrice sénior - Gestion de l'aquaculture Fisheries Management | Direction des pêches

Aquaculture Management Division | Division de la gestion de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada Government of Canada | Gouvernement du Canada www.pac.dfo-mpo.gc.ca



Pêches et Océans Canada

Pacific Region 1520 Tamarac Street Campbell River, British Columbia V9W 3M5 Région du Pacifique 1520 Tamarac Street Campbell River (C.-B.) V9W 3M5

June 29, 2018

Mac's Oysters Ltd.

Dear Licence Holder:

Subject: Post Inspection Report; Licence #114350, Facility #113, Land file #1404510

Fisheries and Oceans Canada (the Department) conducted a site inspection of your facility on May 18, 2018. The purpose of this letter is to inform you of violations under the AQSF 114350 Conditions of Licence that were observed at the time of inspection.

In an effort to uphold the Department's commitment to accountable governance, violations referred to in this letter will form part of the performance history for your site and may be considered in response to violations identified in the future.

#### Violations Identified:

#### Condition of Licence Part B

8.1 The licence holder shall ensure that "Styrofoam" used for floatation is securely wrapped in containment material so as to remain intact. Any floatation material that is degrading or is otherwise no longer in use shall be removed from the marine environment and disposed of at land-based facilities.

**Description of violation:** At the time of inspection, exposed and degrading Styrofoam was associated with floats on the water.

**Remediation:** All exposed Styrofoam needs to be removed from the site and disposed of at an upland facility and may not be returned to the marine environment. Replacement floats should be a non-Styrofoam durable option. Any Styrofoam taken out of the marine environment must be disposed of at land-based facilities. Remediation measures must be completed by September 30, 2018.

A representative photo, taken while on site, of the violation has been included below.



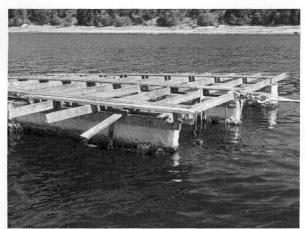


Photo 1: raft with exposed Styrofoam.

8.4 The licence holder shall not introduce or cause or allow the introduction of aquaculture refuse (including but not limited to infrastructure, equipment and materials) into the environment in the course of conducting aquaculture activities.

**Description of violation:** At the time of inspection, a remotely operated vehicle was deployed and debris (stacks of oyster trays) on the seabed was encountered.

**Remediation required:** All degraded aquaculture equipment/gear/infrastructure and refuse needs to be removed from the licenced area. All refuse needs to be disposed of at a land-based facility. The Department requires that you address the above concern by September 30, 2018.

A representative photo, taken while on site, of the violation has been included below.

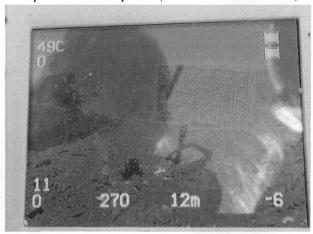


Photo 2: stacks of oyster trays on seabed.

Please note: Condition of Licence Part B 2.1 requires licence holders to "conduct inspections of equipment, installation methods... to ensure that equipment and structures are capable of functioning as intended in the environment where they are located...". Degraded aquaculture infrastructure and gear should be identified during this process and removed or upgraded as a best management practice.

The Department must be notified when the above remediation works are complete. Photographic images must be submitted to <a href="mailto:Shellfish.Aquaculture@dfo-mpo.gc.ca">Shellfish.Aquaculture@dfo-mpo.gc.ca</a> to verify that the remediation efforts were undertaken. As an underwater, on-bottom cleanup is required please submit a cleanup survey report. For instructions on how to complete such a survey and report, please refer to the section titled "Seabed Survey and Cleanup Instructions for Subtidal Shellfish Aquaculture Sites". Please ensure you include your facility reference number (113) in your e-mail subject line.

If you have any question or concerns regarding this matter please contact Shelley Jepps at Shelley.jepps@dfo-mpo.gc.ca.

Please note that this letter is not meant to suggest that a comprehensive assessment of ALL Conditions of Licence has been conducted and does not address conditions other than those specifically observed on the day of inspection. Nor does it preclude any potential charges laid by Fishery Officers in response to these or any further identified violations under the *Fisheries Act* and/or associated *Regulations*.

Sincerely,

**Shelley Jepps** 

Senior Shellfish Aquaculture Biologist | Biologiste principal de mollusque de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada

1520 Tamarac Street | 1520 Tamarac Street

Shelley Jepps

Campbell River, BC V9W 3M5| Campbell River (C.-B.) V9W 3M5

Attach: Instructions for cleanup of seabed beneath suspended aquaculture tenures 2018

Cc: Compliance & Protection Aquaculture Unit

Aquaculture Resource Management FLNRO (Licensing and Compliance)



Warning Ticket / Avertissement

## DYS#2018-04228

Pursua	nt to the Federal Fisheries Act / En	vertue de la Loi sur les peches federale
Issued to / Délivré à: MAC'S	OYSTERS LTD.	D.O.B / DN:
Position / Poste:	PRIF LIVENCE HOLI	TER'S
Company Name / Nom de l'entreprise:	MAC'S OMSTERS LTD	)
Site Location / Emplacement du site:		Sainb-Pen#113/LF#1404570
	Aquaculture Licence No. / N° de permis d'aquac	culture Species / Espèces
Marine Finfish / Poissons marins		
Fresh Water / Poissons d'eau douce		
Shellfish / Fruits de mer	AQSF#114350	
Other / Autre		
	Description of violation / Des	scription de l'infraction
Violation Date / Date de l'ir	Mana 18 2	
Regulation / Réglementation:	Pacific Aquaculture Regs / Règlement du Pacifique sur l'aquaculture	Fishery(General) Regs 22(7) / Paragraphe 22(7) du Règlement de pêche (dispositions générales)
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You are required to com compliance with the regularizations fees tenu de vous réglementation.	te into This would tions. / other a conformer à la En plu pourra	rarning does not preclude Fisheries and Oceans taking any action that it may consider appropriate in the circumstances. / s du présent avertissement, Pêches et Océans Canada prendre toute autre mesure qu'il jugera appropriée compte es circonstances.
	DE #9020	XX). 7. 101
Name and Number of Fishe l'agent des pêches ou du g	ery Officer / Guardian Nom et numéro de arde-pêche:	nature / Signature:
Name of recipient / Nom du	u destinataire: Sign	nature / Signature:
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Fishery Officer Copy Copie de l'agent des pêches Pages 174 to / à 175 are duplicates of sont des duplicatas des pages 28 to / à 29

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From:

Scott. Melinda

To:

AQSF / AQSF (DFO/MPO)

Cc: Subject:

DFO shellfish aquaculture facility: AQSF 533

Date:

July-09-18 15:31:40

**Attachments:** 

Final Shellfish Inspection Letter to Grower 533 0278772.pdf

Warning Ticket AO0100 MAC"S OYSTERS.pdf

Importance:

<u>DFO Shellfish Information Notice June 2018.pdf</u> High

Attention Aquaculture Licence Holder,

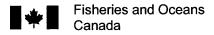
Please find attached important information regarding your DFO shellfish aquaculture facility: **AQSF 533**.

If you have any questions, please contact Aquaculture Resource Management: <a href="mailto:shellfish.aquaculture@dfo-mpo.gc.ca">shellfish.aquaculture@dfo-mpo.gc.ca</a>

#### Melinda Scott

Aquaculture Management Coordinator | Coordinatrice sénior - Gestion de l'aquaculture Fisheries Management | Direction des pêches

Aquaculture Management Division | Division de la gestion de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada Government of Canada | Gouvernement du Canada www.pac.dfo-mpo.gc.ca



Pêches et Océans Canada

Pacific Region 1520 Tamarac Street Campbell River, British Columbia V9W 3M5 Région du Pacifique 1520 Tamarac Street Campbell River (C.-B.) V9W 3M5

July 4, 2018

Mac's Oysters Ltd.

Dear Licence Holder:

Subject: Post Inspection Report; Licence #114364, Facility #533, Land file #0278772

Fisheries and Oceans Canada (the Department) conducted a site inspection of your facility on May 14, 2018. The purpose of this letter is to inform you of violations under the AQSF 114364 Conditions of Licence that were observed at the time of inspection.

In an effort to uphold the Department's commitment to accountable governance, violations referred to in this letter will form part of the performance history for your site and may be considered in response to violations identified in the future.

#### **Violations Identified:**

#### **Condition of Licence Part B**

7.3 The licence holder shall ensure that predator exclusion devices are constructed and maintained to prevent entrapment and avoid potential injury to fish species or wildlife; and to function as intended.

**Description of violation:** At the time of inspection, unmaintained predator netting was identified.

**Remediation:** The predator netting must be inspected and all predator netting found to be in need of maintenance should be maintained or removed. All predator netting that is degraded must be identified, removed and disposed of appropriately at an upland facility. Remediation measures must be completed by September 30, 2018.





Photo 1: unmaintained predator netting

8.4 The licence holder shall not introduce or cause or allow the introduction of aquaculture refuse (including but not limited to infrastructure, equipment and materials) into the environment in the course of conducting aquaculture activities.

**Description of violation:** At the time of inspection, aquaculture related refuse, in the form of dilapidated gear/equipment (unmaintained vexar fence and intertidal longline, rusted rebar, torn vexar bags) was found on the licensed area.

Remediation required: All degraded aquaculture equipment/gear/infrastructure and refuse need to be removed from marine environment and disposed of at a land-based facility. Remediation measures must be completed by September 30, 2018.

Representative photos, taken while on site, of the violation have been attached below.

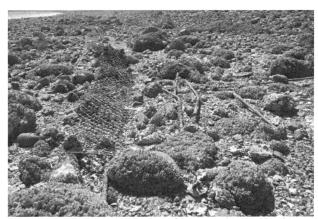








Photo 4: unmaintained intertidal longline.

**Please note:** Condition of Licence Part B 2.1 requires licence holders to "conduct inspections of equipment, installation methods... to ensure that equipment and structures are capable of functioning as intended in the environment where they are located...". Degraded aquaculture infrastructure and gear should be identified during this process and removed or upgraded as a best management practice.

The Department must be notified when the above remediation works are complete. Photographic images must be submitted to <a href="mailto:Shellfish.Aquaculture@dfo-mpo.gc.ca">Shellfish.Aquaculture@dfo-mpo.gc.ca</a> to verify that the remediation efforts were undertaken. Please ensure you include your facility reference number (533) in your e-mail subject line.

If you have any question or concerns regarding this matter please contact Shelley Jepps at Shelley.jepps@dfo-mpo.gc.ca.

Please note that this letter is not meant to suggest that a comprehensive assessment of ALL Conditions of Licence has been conducted and does not address conditions other than those specifically observed on the day of inspection. Nor does it preclude any potential charges laid by Fishery Officers in response to these or any further identified violations under the *Fisheries Act* and/or associated *Regulations*.

Sincerely,

**Shelley Jepps** 

Senior Shellfish Aquaculture Biologist | Biologiste principal de mollusque de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada

1520 Tamarac Street | 1520 Tamarac Street

Shelley Jepps

Campbell River, BC V9W 3M5| Campbell River (C.-B.) V9W 3M5

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Cc: Compliance & Protection Aquaculture Unit Aquaculture Resource Management FLNRO (Licensing and Compliance)

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Warning Ticket / Avertissement

DNS#2018-02137

	ant to the Fed	derai Fisheries Act /	En vertue	de la Loi sur les pêches fédérale
	OYSTERS	4D.	D.O.B / DN:	
Position/ Poste: AQSF LICENUE HOLDERS				
Company Name / Nom de l'entreprise:	MAC'S O	YSTERS LITE	<b>)</b> .	
Site Location / Emplacement du site:			<del></del>	NT-FRN#533/LF#0278772
	Aquaculture Lice	ence No. / N° de permis d'a	aquaculture	Species / Espèces
Marine Finfish / Poissons marins				
Fresh Water / Poissons d'eau douce				
Shellfish / Fruits de mer	A09=#	114364	***************************************	
Other / Autre				
		Description of violation /	Description	de l'infraction
Violation Date / Date de l'i	nfraction:	MAY 14,2	)18	
Regulation / Réglementation:		aculture Regs / du Pacifique sur l'aquacult	ure	Fishery(General) Regs 22(7) / Paragraphe 22(7) du Règlement de pêche (dispositions générales)
Sec#/C.O.L.# / AQS Art. n° / CDP n°:5.7.3 Sec#/C.O.L.# / AQSF Art. n° / CDP n°: Sec#/C.O.L.# / Art. n° / CDP n°:	2: AQUIXI	chapment to	BSL/MIC	Constructed maintained to COL = Conditions of COL = COL = Conditions of COL =
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Name and Number of Fish l'agent des pêches ou du c	ery Officer / Guard	lian Nom et numéro de	Signature S	Woulde ignature:
Name of recipient / Nom d	u destinataire:		Signature / S	ignature:
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From:

Scott, Melinda on behalf of AOSF / AOSF (DFO/MPO)

To: Cc: "bavnessound@shaw.ca" AQSF / AQSF (DFO/MPO)

Subject:

DFO shellfish aquaculture facility: AQSF 1000

Date:

July-09-18 13:55:13

Attachments:

DFO Shellfish Information Notice June 2018.pdf

Final Shellfish Inspection Letter to Grower 1000 0167894.pdf

Warning Ticket AO0140

High

Importance:

Attention Aquaculture Licence Holder,

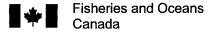
Please find attached important information regarding your DFO shellfish aquaculture facility: AQSF 1000.

If you have any questions, please contact Aquaculture Resource Management: shellfish.aquaculture@dfo-mpo.gc.ca

#### Melinda Scott

Aquaculture Management Coordinator | Coordinatrice sénior - Gestion de l'aquaculture Fisheries Management | Direction des pêches

Aquaculture Management Division | Division de la gestion de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada Government of Canada | Gouvernement du Canada www.pac.dfo-mpo.gc.ca



Pêches et Océans Canada

Pacific Region 1520 Tamarac Street Campbell River, British Columbia V9W 3M5 Région du Pacifique 1520 Tamarac Street Campbell River (C.-B.) V9W 3M5

June 29, 2018

PO Box 159 Union Bay, British Columbia V0R 1B0

Dear Licence Holder:

Subject: Post Inspection Report; Licence #114535, Facility #1000, Land file #0167894

Fisheries and Oceans Canada (the Department) conducted a site inspection of your facility on May 18, 2018. The purpose of this letter is to inform you of violations under the AQSF 114535 Conditions of Licence that were observed at the time of inspection.

In an effort to uphold the Department's commitment to accountable governance, violations referred to in this letter will form part of the performance history for your site and may be considered in response to violations identified in the future.

#### **Violations Identified:**

#### Condition of Licence Part B

7.3 The licence holder shall ensure that predator exclusion devices are constructed and maintained to prevent entrapment and avoid potential injury to fish species or wildlife; and to function as intended.

**Description of violation:** At the time of inspection, predator netting was not functioning as intended as it was unmaintained (degraded, brittle, partially buried), not laid flat nor secured.

**Remediation:** The predator netting must be inspected and all predator netting found to be in need of maintenance should be maintained or removed. A significant amount of predator netting was found to be partially buried and brittle. All buried predator netting must be freed from the sediment and if still robust enough to continue to be employed, laid out and secured flat. All predator netting that is degraded must be identified, removed and disposed of appropriately at an upland facility. Remediation measures must be completed by September 30, 2018.



A representative photo of this violation, taken while on site, has been included below.



Photo 1: unsecured/unmaintained predator net

8.4 The licence holder shall not introduce or cause or allow the introduction of aquaculture refuse (including but not limited to infrastructure, equipment and materials) into the environment in the course of conducting aquaculture activities.

**Description of violation:** At the time of inspection, debris comprised of degraded/unmaintained shellfish aquaculture gear was identified on the licenced area. Debris included unmaintained predator netting and degraded vexar bags.

**Remediation required:** All degraded aquaculture equipment/gear/infrastructure and refuse needs to be removed from the licenced area. All refuse needs to be disposed of at a land-based facility. The Department requires that you address the above concern by September 30, 2018.

**Please note:** Predator netting (and other aquaculture gear/equipment) was found in and immediately adjacent to a small intertidal creek. The Department recommends that no aquaculture gear or infrastructure be placed in or immediately adjacent to intertidal stream channels to ensure gear functions as intended, to minimize loss of gear to the environment, and to protect for any associated fishery values.

Please note: Condition of Licence Part B 2.1 requires licence holders to "conduct inspections of equipment, installation methods... to ensure that equipment and structures are capable of functioning as intended in the environment where they are located...". Degraded aquaculture infrastructure and gear should be identified during this process and removed or upgraded as a best management practice.

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The Department must be notified when the above remediation works are complete. Photographic images must be submitted to <u>Shellfish.Aquaculture@dfo-mpo.gc.ca</u> to verify that the remediation efforts were undertaken. Please ensure you include your facility reference number (1000) in your e-mail subject line.

If you have any question or concerns regarding this matter please contact Shelley Jepps at <a href="mailto:Shelley.jepps@dfo-mpo.gc.ca">Shelley.jepps@dfo-mpo.gc.ca</a>.

Please note that this letter is not meant to suggest that a comprehensive assessment of ALL Conditions of Licence has been conducted and does not address conditions other than those specifically observed on the day of inspection. Nor does it preclude any potential charges laid by Fishery Officers in response to these or any further identified violations under the *Fisheries Act* and/or associated *Regulations*.

Sincerely,

**Shelley Jepps** 

Shelley Jepps

Senior Shellfish Aquaculture Biologist | Biologiste principal de mollusque de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada 1520 Tamarac Street | 1520 Tamarac Street Campbell River, BC V9W 3M5 | Campbell River (C.-B.) V9W 3M5

Cc: Compliance & Protection Aquaculture Unit Aquaculture Resource Management FLNRO (Licensing and Compliance)

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### Warning Ticket / Avertissement

DIS#2018-04293

Pursuant To The Federal Fisheries Act / En vertue de la Loi sur les pêches fédérale				
issued to / Délivré à:		D.O.B / DN:		
Position / Poste:	POSF LIVENUE	E HOLDER		
Company Name / Nom de l'entreprise:				
Site Location / Emplacement du site:	ENRY BAY, W.D	ENMANIEL	AND-FRN#1000 / LF#0167894	
	Aquaculture Licence No. / N° de	e permis d'aquaculture	Species / Espèces	
Marine Finfish / Poissons marins				
Fresh Water / Poissons d'eau douce				
Shellfish / Fruits de mer	AQSF#114535			
Other / Autre				
	Description of	violation / Description	de l'infraction	
Violation Date / Date de l'in	fraction: MA	8106, 81 M		
Regulation / Pacific Aquaculture Regs / Règlement du Pacifique sur l'aquaculture Règlement de pêche (dispositions générales)				
Sec#/C.O.L.# / AQDF Art. n° / CDP n°:5.534	HOLACLUTURE P	EFILSE -NOT IL	smetal maintained to prever conditions of Licence allow refuse into environment of the permits	
Sec#/C.O.L.# / Art. n° / CDP n°:	4:		Permis Permis	
You are required to come into  compliance with the regulations. /  Vous êtes tenu de vous conformer à la réglementation.  This warning does not preclude Fisheries and Oceans taking any other action that it may consider appropriate in the circumstances. /  En plus du présent avertissement, Pêches et Océans Canada pourra prendre toute autre mesure qu'il jugera appropriée compte tenu des circonstances.				
Name and Number of Fisher l'agent des pêches ou du ga	ery Officer / Guardian Nom et nur	néro de Signature	Walda Tignature:	
Name of recipient / Nom du	destinataire:	Signature / S	signature:	
Date of issue / Date de déli		Time of issue	e / Heure de délivrance:	
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Document Released Under the Access to Information Act / Document divulgué en vertu de la Loi sur l'accès à l'information.

From:

Scott, Melinda on behalf of AOSF / AOSF (DFO/MPO)

To: Cc:

AOSF / AOSF (DFO/MPO)

Subject:

DFO shellfish aquaculture facility: AQSF 1024

Date:

July-09-18 16:02:54

Attachments:

Final Shellfish Inspection Letter to Grower 1024 2404372.pdf

Warning Ticket AO0137

DFO Shellfish Information Notice June 2018.pdf

Importance:

High

Attention Aquaculture Licence Holder,

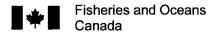
Please find attached important information regarding your DFO shellfish aquaculture facility: **AQSF 1024**.

If you have any questions, please contact Aquaculture Resource Management: <a href="mailto:shellfish.aquaculture@dfo-mpo.gc.ca">shellfish.aquaculture@dfo-mpo.gc.ca</a>

#### Melinda Scott

Aquaculture Management Coordinator | Coordinatrice sénior - Gestion de l'aquaculture Fisheries Management | Direction des pêches

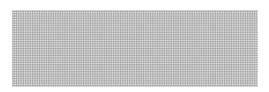
Aquaculture Management Division | Division de la gestion de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada Government of Canada | Gouvernement du Canada www.pac.dfo-mpo.gc.ca



Pacific Region 1520 Tamarac Street Campbell River, British Columbia V9W 3M5 Pêches et Océans Canada

Région du Pacifique 1520 Tamarac Street Campbell River (C.-B.) V9W 3M5

July 4, 2018



Dear Licence Holder:

Subject: Post Inspection Report; Licence #114390, Facility #1024, Land file #2404372

Fisheries and Oceans Canada (the Department) conducted a site inspection of your facility on May 17, 2018. The purpose of this letter is to inform you of violations under the AQSF 114390 Conditions of Licence that were observed at the time of inspection.

In an effort to uphold the Department's commitment to accountable governance, violations referred to in this letter will form part of the performance history for your site and may be considered in response to violations identified in the future.

## Violations Identified:

## Condition of Licence Part B

8.4 The licence holder shall not introduce or cause or allow the introduction of aquaculture refuse (including but not limited to infrastructure, equipment and materials) into the environment in the course of conducting aquaculture activities.

**Description of violation:** At the time of inspection, miscellaneous shellfish aquaculture related refuse, including vexar bags (some embedded in substrate), was found scattered on the intertidal zone.

**Remediation required:** All degraded aquaculture equipment/gear/infrastructure and refuse need to be removed from the intertidal zone and disposed of at a land-based facility. Remediation measures must be completed by September 30, 2018.

Representative photos, taken while on site, of the violation have been included below.



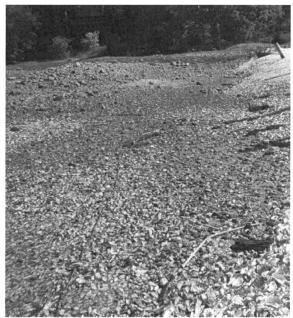






Photo 2: pile of vexar bags

**Please note:** Condition of Licence Part B 2.1 requires licence holders to "conduct inspections of equipment, installation methods... to ensure that equipment and structures are capable of functioning as intended in the environment where they are located...". Degraded aquaculture infrastructure and gear should be identified during this process and removed or upgraded as a best management practice.

**Please note:** Rock walls are not an infrastructure that is identified in your Management Plan, nor are they considered "standard infrastructure". Please do not construct rock walls without submitting an application to amend your Management Plan and receiving a response back from the Department.

The Department must be notified when the above remediation works are complete. Photographic images must be submitted to <a href="mailto:Shellfish.Aquaculture@dfo-mpo.gc.ca">Shellfish.Aquaculture@dfo-mpo.gc.ca</a> to verify that the remediation efforts were undertaken. Please ensure you include your facility reference number (1024) in your e-mail subject line.

If you have any question or concerns regarding this matter please contact Shelley Jepps at <a href="mailto:Shelley.jepps@dfo-mpo.gc.ca">Shelley.jepps@dfo-mpo.gc.ca</a>.

Please note that this letter is not meant to suggest that a comprehensive assessment of ALL Conditions of Licence has been conducted and does not address conditions other than those specifically observed on the day of inspection. Nor does it preclude any potential charges laid by Fishery Officers in response to these or any further identified violations under the *Fisheries Act* and/or associated *Regulations*.

Document Released Under the Access to Information Act / Document divulgué en vertu de la Loi sur l'accès à l'information.

Sincerely,

**Shelley Jepps** 

Shelley Jepps

Senior Shellfish Aquaculture Biologist | Biologiste principal de mollusque de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada | 1520 Tamarac Street | 1520 Tamarac Street | Campbell River, BC V9W 3M5 | Campbell River (C.-B.) V9W 3M5

Cc: Compliance & Protection Aquaculture Unit Aquaculture Resource Management FLNRO (Licensing and Compliance)

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# Warning Ticket / Avertissement

D15#2018 - 04234

## Pursuant To The Federal Fisheries Act / En vertue de la Loi sur les pêches fédérale

Issued to /		D.O.B /		
Délivré à:		DN:	,	
Position / Poste:	AQSF LICENY	e Ha	wels	
Company Name / Nom de l'entreprise:				
Site Location / Emplacement du site:	OKEWER INLET-F	PN#10	24 / LF#2404372	
	Aquaculture Licence No. / N° de permis d'a	quaculture	Species / Espèces	
Marine Finfish / Poissons marins		<u> </u>	<u> . Lucius</u>	
Fresh Water / Poissons d'eau douce				
Shellfish / Fruits de mer	AQSF#114390			
Other / Autre				
	Description of violation /	Description d	e l'infraction	
		· ·	Cimidolon	
Violation Date / Date de l'in	fraction: MAY 17	19018		
Regulation / Réglementation:	Pacific Aquaculture Regs / Règlement du Pacifique sur l'aquaculture		Fishery(General) Regs 22(7) / Paragraphe 22(7) du Règlement de pêche (dispositions générales)	
Sec#/C.O.L.#/ AQSF Art. n° / CDP n°: S.G.Y	1. ARUPCIUTURE REFUSE - Not introduce / cause/allow 80 introductor of a quadring refuse no environment			
Sec#/C.O.L.# / Art. n° / CDP n°:	2:		1 1	
Sec#/C.O.L.# / Art. n° / CDP n°:	3:		Conditions de Permis	
Sec#/C.O.L.# / Art. n° / CDP n°:	4:		Permis	
You are required to come into  compliance with the regulations. /  Vous êtes tenu de vous conformer à la  réglementation.  This warning does not preclude Fisheries and Oceans taking any other action that it may consider appropriate in the circumstances. /  En plus du présent avertissement, Pêches et Océans Canada pourra prendre toute autre mesure qu'il jugera appropriée compte tenu des circonstances.				
Name and Number of Fishery Officer / Guardian Nom et numéro de l'agent des pêches ou du garde-pêche:  Signature / Signature:				
Name of recipient / Nom du	destinataire:	Signature / Si	gnature:	
JM	<u> И И ЛВ</u>			
Date of issue / Date de déli	vrance: /	Time of issue	/ Heure de délivrance:	

Fishery Officer Copy Copie de l'agent des pêches s.19(1)

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From:

Scott, Melinda on behalf of AOSF / AOSF (DFO/MPO)

To: Cc: "dalinseafood@gmail.com" AOSF / AOSF (DFO/MPO)

Subject:

DFO shellfish aquaculture facility: AQSF 1771

Date:

July-09-18 15:47:48

Attachments:

DFO Shellfish Information Notice June 2018.pdf

Final Shellfish Inspection Letter to Grower 1771 2408181.pdf

Warning Ticket AO0138 DA LIN ENT.pdf

Importance:

High

Attention Aquaculture Licence Holder,

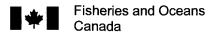
Please find attached important information regarding your DFO shellfish aquaculture facility: **AQSF 1771**.

If you have any questions, please contact Aquaculture Resource Management: <a href="mailto:shellfish.aquaculture@dfo-mpo.gc.ca">shellfish.aquaculture@dfo-mpo.gc.ca</a>

#### Melinda Scott

Aquaculture Management Coordinator | Coordinatrice sénior - Gestion de l'aquaculture Fisheries Management | Direction des pêches

Aquaculture Management Division | Division de la gestion de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada Government of Canada | Gouvernement du Canada www.pac.dfo-mpo.gc.ca



Pêches et Océans Canada

Pacific Region 1520 Tamarac Street Campbell River, British Columbia V9W 3M5 Région du Pacifique 1520 Tamarac Street Campbell River (C.-B.) V9W 3M5

July 4, 2018

Da Lin Enterprises Ltd

Dear Licence Holder:

Subject: Post Inspection Report; Licence #114394, Facility #1771, Land file #2408181

Fisheries and Oceans Canada (the Department) conducted a site inspection of your facility on May 17, 2018. The purpose of this letter is to inform you of violations under the AQSF 114394 Conditions of Licence that were observed at the time of inspection.

In an effort to uphold the Department's commitment to accountable governance, violations referred to in this letter will form part of the performance history for your site and may be considered in response to violations identified in the future.

## **Violations Identified:**

## Condition of Licence Part B

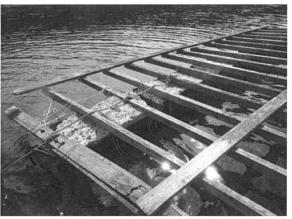
8.1 The licence holder shall ensure that "Styrofoam" used for floatation is securely wrapped in containment material so as to remain intact. Any floatation material that is degrading or is otherwise no longer in use shall be removed from the marine environment and disposed of at land-based facilities.

**Description of violation:** At the time of inspection, Styrofoam floats on raft structures were exposed.

**Remediation:** All exposed Styrofoam needs to be removed from the site and disposed of at an upland facility and may not be returned to the marine environment. Replacement floats should be a non-Styrofoam durable option. Any Styrofoam taken out of the marine environment must be disposed of at land-based facilities. Remediation measures must be completed by September 30, 2018.

Representative photos, taken while on site, of the violation have been included below.





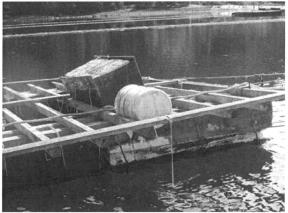


Photo 1 and 2: exposed Styrofoam.

8.4 The licence holder shall not introduce or cause or allow the introduction of aquaculture refuse (including but not limited to infrastructure, equipment and materials) into the environment in the course of conducting aquaculture activities.

**Description of violation:** At the time of inspection, miscellaneous shellfish aquaculture related refuse, including ropes, Styrofoam and rafts in disrepair, was found on the licenced area.

**Remediation required:** All degraded aquaculture equipment/gear/infrastructure and refuse need to be removed from the licenced area and disposed of at a land-based facility. Remediation measures must be completed by September 30, 2018.

See photos above, and an additional representative photo, taken while on site, of the violation below.



Photo 3: debris on raft

Please note: Condition of Licence Part B 2.1 requires licence holders to "conduct inspections of equipment, installation methods... to ensure that equipment and structures are capable of functioning as intended in the environment where they are located...". Degraded aquaculture infrastructure and gear should be identified during this process and removed or upgraded as a best management practice.

The Department must be notified when the above remediation works are complete. Photographic images must be submitted to <u>Shellfish.Aquaculture@dfo-mpo.gc.ca</u> to verify that the remediation efforts were undertaken. Please ensure you include your facility reference number (1771) in your e-mail subject line.

If you have any question or concerns regarding this matter please contact Shelley Jepps at Shelley.jepps@dfo-mpo.gc.ca.

Please note that this letter is not meant to suggest that a comprehensive assessment of ALL Conditions of Licence has been conducted and does not address conditions other than those specifically observed on the day of inspection. Nor does it preclude any potential charges laid by Fishery Officers in response to these or any further identified violations under the *Fisheries Act* and/or associated *Regulations*.

Sincerely,

Shelley Jepps

Shelley Jepps

Senior Shellfish Aquaculture Biologist | Biologiste principal de mollusque de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada 1520 Tamarac Street | 1520 Tamarac Street

Campbell River, BC V9W 3M5| Campbell River (C.-B.) V9W 3M5

Cc: Compliance & Protection Aquaculture Unit Aquaculture Resource Management FLNRO (Licensing and Compliance)



# Warning Ticket / Avertissement DVS#2018 - 04235

Pursua	int To The Fede	ral Fisheries Act / E	n vertue	de la Loi sur les pêches fédérale
Issued to / Délivré à: DA	LIN ENT	ERPRISES	D.O.B / DN:	
Position / Poste:		ILENCE H		R.
Company Name / Nom de l'entreprise:	***************************************	ENTERPRIS		,
Site Location / Emplacement du site:	OKEWER	FINLET, MA	ASPIT	14 INLET-FRN 1771/LF040818
	Aquaculture Licen	ce No. / N° de permis d'aq	uaculture	Species / Espèces
Marine Finfish / Poissons marins				
Fresh Water / Poissons d'eau douce				
Shellfish / Fruits de mer	AOSF#	114394		
Other / Autre				
	D.	escription of violation / [	)escription	de l'infraction
Violation Date / Date de l'i	nfraction:	MAY	17,3	901B
Regulation / Réglementation:	Pacific Aquad Règlement du	ulture Regs / ı Pacifique sur l'aquacultur	e	Fishery(General) Regs 22(7) / Paragraphe 22(7) du Règlement de pêche (dispositions générales)
Sec#/C.O.L.# / AOSF Art. n° / CDP n° S. B. I	1: STYLOFOF	m-Ensuresc Jenal cemor	arel	wapped Unused/degrade ?
Sec#/C.O.L.# / A S S Art. n° / CDP n° S . 8 . 4	2: Danie Drie	THE DEFINE	= - NOL	100
Sec#/C.O.L.# / Art. n° / CDP n°:	3:			&   g   g
Sec#/C.O.L.# / Art. n° / CDP n°:	4:			Permis
You are required to composition with the regularized voluments of the contraction of the	ulations. /	oth En pou	er action tha plus du pré	oes not preclude Fisheries and Oceans taking any at it may consider appropriate in the circumstances. / sent avertissement, Pêches et Océans Canada toute autre mesure qu'il jugera appropriée compte estances.
Name and Number of Fish	DE #9000	) In Nom et numéro de		X Daldo
'agent des pêches ou du ç			Signature /	ignature:
Name of recipient / Nom d	u destinataire:		Signature / S	ignature:
ut	u u /l	હ		
Date of issue / Date de dé			Time of issue	/ Haura da dáliuranca:

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From:

Scott, Melinda on behalf of AOSF / AOSF (DFO/MPO)

To:

AOSF / AOSF (DFO/MPO) Cc:

Subject:

DFO shellfish aquaculture facility: AQSF 209

Date:

July-09-18 13:16:59

Attachments:

Final Shellfish Inspection Letter to Grower 209 1401725.pdf Warning Ticket A00135 SEASCAL ENT.pdf

DFO Shellfish Information Notice June 2018.pdf

Importance:

Attention Aquaculture Licence Holder,

Please find attached important information regarding your DFO shellfish aquaculture facility: AQSF 209.

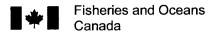
If you have any questions, please contact Aquaculture Resource Management: shellfish.aquaculture@dfo-mpo.gc.ca

#### Melinda Scott

Aquaculture Management Coordinator | Coordinatrice sénior - Gestion de l'aquaculture Fisheries Management | Direction des pêches Aquaculture Management Division | Division de la gestion de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada

Government of Canada | Gouvernement du Canada

www.pac.dfo-mpo.gc.ca



Pêches et Océans Canada

Pacific Region 1520 Tamarac Street Campbell River, British Columbia V9W 3M5 Région du Pacifique 1520 Tamarac Street Campbell River (C.-B.) V9W 3M5

July 4, 2018

Seascal Enterprises Ltd.

Dear Licence Holder:

Subject: Post Inspection Report; Licence #115027, Facility #209, Land file #1401725

Fisheries and Oceans Canada (the Department) conducted a site inspection of your facility on May 29, 2018. The purpose of this letter is to inform you of violations under the AQSF 115027 Conditions of Licence that were observed at the time of inspection.

In an effort to uphold the Department's commitment to accountable governance, violations referred to in this letter will form part of the performance history for your site and may be considered in response to violations identified in the future.

## **Violations Identified:**

## **Condition of Licence Part B**

8.1 The licence holder shall ensure that "Styrofoam" used for floatation is securely wrapped in containment material so as to remain intact. Any floatation material that is degrading or is otherwise no longer in use shall be removed from the marine environment and disposed of at land-based facilities.

**Description of violation:** At the time of inspection, Styrofoam floats on raft structures were exposed.

**Remediation:** All exposed Styrofoam needs to be removed from the site and disposed of at an upland facility and may not be returned to the marine environment. Replacement floats should be a non-Styrofoam durable option. Any Styrofoam taken out of the marine environment must be disposed of at land-based facilities. Remediation measures must be completed by September 30, 2018.

A representative photo, taken while on site, of the violation has been attached below.



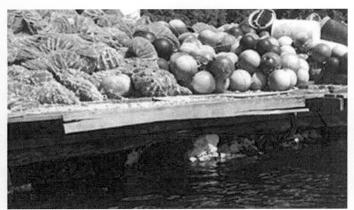


Photo 1: exposed Styrofoam

8.3 The licence holder shall not store or leave any aquaculture equipment or structures on the licensed area unless the equipment or structures are in that location as part of an aquaculture activity and are affixed/secured so as not to move off the licensed area.

**Description of violation:** At the time of inspection, there was a significant amount of unsecured shellfish aquaculture gear observed on rafts.

**Remediation required:** All shellfish aquaculture gear must be secured to rafts or removed from the licenced area. Remediation measures must be completed by September 30, 2018.

A representative photo, taken while on site, of the violation has been included below.



Photo 2: unsecured shellfish aquaculture gear.

8.4 The licence holder shall not introduce or cause or allow the introduction of aquaculture refuse (including but not limited to infrastructure, equipment and materials) into the environment in the course of conducting aquaculture activities.

**Description of violation:** At the time of inspection, aquaculture related refuse, in the form of dilapidated gear, equipment and infrastructure was found on the licensed area.

**Remediation required:** All degraded aquaculture equipment/gear/infrastructure and other refuse must be removed from marine environment and disposed of at a land-based facility. Remediation measures must be completed by September 30, 2018.

Representative photos, taken while on site, of the violation have been attached below.



Photo 3: Gear about to enter water.

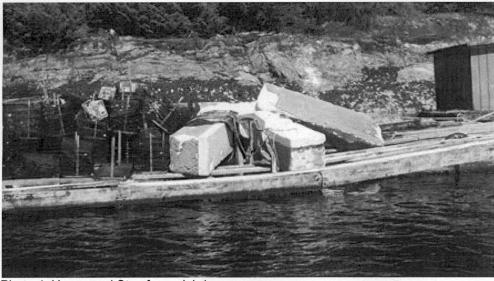


Photo 4: Unsecured Styrofoam debris.

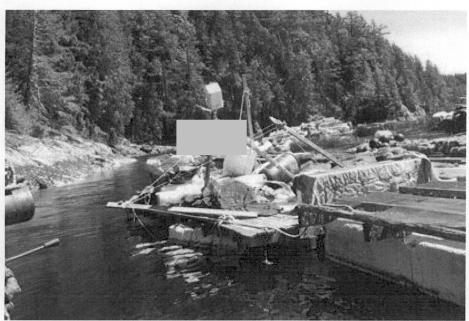


Photo 5: Debris on licenced area.

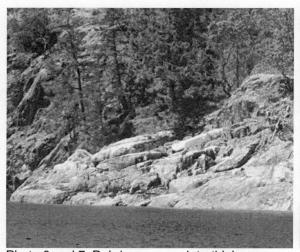




Photo 6 and 7: Debris on upper intertidal.

**Please note:** Condition of Licence Part B 2.1 requires licence holders to "conduct inspections of equipment, installation methods... to ensure that equipment and structures are capable of functioning as intended in the environment where they are located...". Degraded aquaculture infrastructure and gear should be identified during this process and removed or upgraded as a best management practice.

The Department must be notified when the above remediation works are complete. Photographic images must be submitted to <a href="mailto:Shellfish.Aquaculture@dfo-mpo.gc.ca">Shellfish.Aquaculture@dfo-mpo.gc.ca</a> to verify that the remediation efforts were undertaken. Please ensure you include your facility reference number (209) in your e-mail subject line.

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If you have any question or concerns regarding this matter please contact Shelley Jepps at Shelley.jepps@dfo-mpo.gc.ca.

Please note that this letter is not meant to suggest that a comprehensive assessment of ALL Conditions of Licence has been conducted and does not address conditions other than those specifically observed on the day of inspection. Nor does it preclude any potential charges laid by Fishery Officers in response to these or any further identified violations under the *Fisheries Act* and/or associated *Regulations*.

Sincerely,

**Shelley Jepps** 

Shelley Jepps

Senior Shellfish Aquaculture Biologist | Biologiste principal de mollusque de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada 1520 Tamarac Street | 1520 Tamarac Street

Cc: Compliance & Protection Aquaculture Unit

Compliance & Protection Aquaculture Unit Aquaculture Resource Management FLNRO (Licensing and Compliance)

Campbell River, BC V9W 3M5| Campbell River (C.-B.) V9W 3M5

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DVS #3018 - 02738

## Warning Ticket / Avertissement

Pursuar	nt To The Federal Fisheries Act /	En vertue	de la Loi sur les pêches fédérale	
Issued to / Dělivré à: SEASCA	ENTERPRISES LTD.	D.O.B / DN:		
Position / Poste:	ARSF LILENU	= ITOLI	acr	
Company Name / Nom de l'entreprise:	SBASLAL ENTERPR		LTD.	
Site Location / Emplacement du site:	CORTES ISLAND, SKI	CL CHY	FF1011 #71/ POE#NAST-	
	Aquaculture Licence No. / N° de permis d'a	quaculture	Species / Espèces	
Marine Finfish / Poissons marins				
Fresh Water / Poissons d'eau douce				
Shellfish / Fruits de mer	AQSF # 115027			
Other / Autre				
	Description of violation /	Description (	de l'infraction	
Violation Date / Date de l'in	nfraction: MAY 39,3	8106		
Regulation / Réglementation:	Pacific Aquaculture Regs / Règlement du Pacifique sur l'aquacultu	ıre	Fishery(General) Regs 22(7) / Paragraphe 22(7) du Règlement de pêche (dispositions générales)	
Sec#/C.O.L.# / AQSF Art. n° / CDP n°: S. G.	1: SMRCFOGN-Ensure Se floatation material p	arely	wapped Urused /degadige ?	
Sec#/C.O.L.# / \$7Q\$F Art. n° / CDP n°: \$.8.3	2: STORAGE KEENRE-Egun area where wied is o	procal/		
Sec#/C.O.L.# / PAQSF Art. n° / CDP n°: S.B. Y	3: AQUACULTURE PEFUSE-Nol refreque kause/albisistratuct			
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Document Released Under the Access to Information Act / Document divulgué en vertude la Loi sur l'accès à l'information.

From:

Scott, Melinda on behalf of AOSF / AOSF (DFO/MPO)

To: Cc:

AQSF / AQSF (DFO/MPO)

Subject:

DFO shellfish aquaculture facility: AQSF 958

Date:

July-09-18 14:39:13

Attachments:

DFO Shellfish Information Notice June 2018.pdf

Final Shellfish Inspection Letter to Grower 958 1402707.pdf Warning Ticket AQ0139 .pdf

Warning Ticket-AO0096-

High

Importance:

Attention Aquaculture Licence Holder,

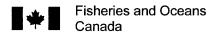
Please find attached important information regarding your DFO shellfish aquaculture facility: AQSF 958.

If you have any questions, please contact Aquaculture Resource Management: shellfish.aquaculture@dfo-mpo.gc.ca

## **Melinda Scott**

Aquaculture Management Coordinator | Coordinatrice sénior - Gestion de l'aquaculture Fisheries Management | Direction des pêches

Aquaculture Management Division | Division de la gestion de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada Government of Canada | Gouvernement du Canada www.pac.dfo-mpo.gc.ca



Pêches et Océans Canada

Pacific Region 1520 Tamarac Street Campbell River, British Columbia V9W 3M5 Région du Pacifique 1520 Tamarac Street Campbell River (C.-B.) V9W 3M5

July 3, 2018

PO Box 74 Manson's Landing, British Columbia V0P 1K0

Dear Licence Holder:

Subject: Post Inspection Report; Licence #114290, Facility #958, Land file #1402707

Fisheries and Oceans Canada (the Department) conducted a site inspection of your facility on May 29, 2018. The purpose of this letter is to inform you of violations under the AQSF 114290 Conditions of Licence that were observed at the time of inspection.

In an effort to uphold the Department's commitment to accountable governance, violations referred to in this letter will form part of the performance history for your site and may be considered in response to violations identified in the future.

## Violations Identified:

## Site specific COL

- 1. Red Rock Crab Predator Management:
  - (i) Trenches installed in the substrate shall be anchored with rebar stakes and lined with material appropriate to prevent unintentional shifting and infilling of trenches with beach materials.
  - (ii) Exit trenches that allow marine organisms to escape alive and unharmed shall be inspected and maintained on a regular basis.

**Description of violation:** At the time of inspection, predator trench and exit trenches were infilled.

## **Condition of Licence Part B**

7.3 The licence holder shall ensure that predator exclusion devices are constructed and maintained to prevent entrapment and avoid potential injury to fish species or wildlife; and to function as intended.



s.19(1)

**Description of violation:** At the time of inspection, predator netting was not functioning as intended as it was not laid nor secured flat to the substrate. Nine predator nets were found balled up on the intertidal zone. In addition, as mentioned above, the predator trench was infilled with substrate.

**Remediation:** The predator netting and trenches must be removed or laid flat and secured to the substrate by September 30, 2018.

A representative photo, taken while on site, of the violation is attached below.



Photo 1: balled up predator netting on intertidal zone.



Photo 2: unmaintained predator trench.

8.4 The licence holder shall not introduce or cause or allow the introduction of aquaculture refuse (including but not limited to infrastructure, equipment and materials) into the environment in the course of conducting aquaculture activities.

**Description of violation:** At the time of inspection, significant debris in the form of unmaintained and degrading shellfish aquaculture gear and equipment (infilled and collapsing predator trench, vexar bags, woven plastic bags, French tubes and other plastic pipes, plastic sheeting, and other debris (flagging tape, zap straps, rusted rebar, rope) was identified on the licenced area.

Remediation required: All degraded aquaculture equipment/gear/infrastructure and refuse needs to be removed from the licenced area, including the predator trench, and woven plastic bags that had been filled with sediment and used to create a form of berm. Should the removal of the predator trench require the use of machinery please contact Shelley Jepps with a project proposal that includes the date and time of proposed works, machinery to be used on site, how the site will be accessed by the machinery and all mitigation measures to be used during the works to minimize harm to fish. All refuse needs to be disposed of at a land-based facility. The Department requires that you address the above concern by September 30, 2018.

Representative photos, taken while on site, of the violation have been included below.



Photo 3: unmaintained and degrading vexar bags.





Photos 4 and 5: woven plastic bags, some embedding into substrate, some filled with substrate.





Photo 6 and 7: unmaintained and broken plastic tubes.

Please note: Condition of Licence Part B 2.1 requires licence holders to "conduct inspections of equipment, installation methods... to ensure that equipment and structures are capable of functioning as intended in the environment where they are located...". Degraded aquaculture infrastructure and gear should be identified during this process and removed or upgraded as a best management practice.

The Department must be notified when the above remediation works are complete. Photographic images must be submitted to <a href="mailto:Shellfish.Aquaculture@dfo-mpo.gc.ca">Shellfish.Aquaculture@dfo-mpo.gc.ca</a> to verify that the remediation efforts were undertaken. Please ensure you include your facility reference number (958) in your e-mail subject line.

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If you have any question or concerns regarding this matter please contact Shelley Jepps at Shelley.jepps@dfo-mpo.gc.ca.

Please note that this letter is not meant to suggest that a comprehensive assessment of ALL Conditions of Licence has been conducted and does not address conditions other than those specifically observed on the day of inspection. Nor does it preclude any potential charges laid by Fishery Officers in response to these or any further identified violations under the *Fisheries Act* and/or associated *Regulations*.

Sincerely,

**Shelley Jepps** 

Shelley Jepps

Senior Shellfish Aquaculture Biologist | Biologiste principal de mollusque de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada 1520 Tamarac Street | 1520 Tamarac Street

Campbell River, BC V9W 3M5| Campbell River (C.-B.) V9W 3M5

Cc: Compliance & Protection Aquaculture Unit Aquaculture Resource Management FLNRO (Licensing and Compliance)

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## Warning Ticket / Avertissement

DVS#2018-02732 2018-02730

Pursuant To The Federal Fisheries Act / En vertue de la Loi sur les pêches fédérale				
Issued to / Délivré à:	D.O.B / DN:			
Position / Poste:				
Company Name / Nom de l'entreprise:				
Site Location / Emplacement du site:	DEGTE H	ARBONR (C	DRIES I	SLAND-FRN#89/LF0378667
		•		#958/LF1402707
	Aquaculture Lic	ence No. / N° de permis o	aquaculture	Species / Espèces
Poissons marins				
Fresh Water / Pois- sons d'eau douce				
Shellfish / Fruits de mer	AQSF#1	14290/1142	74	
Other / Autre				
		Description of violation	/ Description	de l'infraction
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You are required to come into  This warning does not preclude Fisheries and Oceans taking any other action that it may consider appropriate in the circumstances. /  Vous êtes tenu de vous conformer à la réglementation.  This warning does not preclude Fisheries and Oceans taking any other action that it may consider appropriate in the circumstances. /  En plus du présent avertissement, Pêches et Océans Canada pourra prendre toute autre mesure qu'il jugera appropriée compte tenu des circonstances.				
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## Warning Ticket / Avertissement

DIS#2018-02730

## Pursuant To The Federal Fisheries Act / En vertue de la Loi sur les pêches fédérale

Issued to / Délivré à:	D.O.B / DN:			
Position / Poste:	AQSF LILENCE H	bloc	2.5	
Company Name / Nom de l'entreprise:				
Site Location / Emplacement du site:	GORGEHARBUR CO	RIES I	SL-FRN#95B/LF#1402707	
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Marine Finfish / Poissons marins	# 1 * Control of the			
Fresh Water / Poissons d'eau douce				
Shellfish / Fruits de mer	AQSF#114290			
Other / Autre				
	Description of violation /	Description d	e l'infraction	
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Violation Date / Date de l'int				
Regulation / Réglementation:	Pacific Aquaculture Regs / Règlement du Pacifique sur l'aquacultu	ire	Fishery(General) Regs 22(7) / Paragraphe 22(7) du Règlement de pêche (dispositions générales)	
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You are required to come into  This warning does not preclude Fisheries and Oceans taking any				
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réglementation. pourra prendre toute autre mesure qu'il jugera appropriée compte tenu des circonstances.				
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Document Released Under the Access to Information Act / Document divulgué en vertu de la Loi sur l'accès à l'information.

From:

Scott, Melinda on behalf of AOSF / AOSF (DFO/MPO)

To: Cc: "cisq-coop@live.ca" AOSF / AOSF (DFO/MPO)

Subject:

DFO shellfish aquaculture facility: AQSF 1543

Date:

July-10-18 08:47:32

Attachments:

DFO Shellfish Information Notice June 2018.pdf

Final Shellfish Inspection Letter to Grower 1543 2406810.pdf Warning Ticket AO0099 CORTES ISL SF GROWERS.pdf

Importance:

Attention Aquaculture Licence Holder,

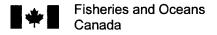
Please find attached important information regarding your DFO shellfish aquaculture facility: AQSF 1543.

If you have any questions, please contact Aquaculture Resource Management: shellfish.aquaculture@dfo-mpo.gc.ca

## **Melinda Scott**

Aquaculture Management Coordinator | Coordinatrice sénior - Gestion de l'aquaculture Fisheries Management | Direction des pêches

Aquaculture Management Division | Division de la gestion de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada Government of Canada | Gouvernement du Canada www.pac.dfo-mpo.gc.ca



Pêches et Océans Canada

Pacific Region 1520 Tamarac Street Campbell River, British Columbia V9W 3M5

Région du Pacifique 1520 Tamarac Street Campbell River (C.-B.) V9W 3M5

July 3, 2018

Cortes Isl. Shellfish Growers Co-operative PO Box 96 Squirrel Cove, British Columbia VOP 1T0

Dear Licence Holder:

Subject: Post Inspection Report; Licence #114462, Facility #1543, Land file #2406810

Fisheries and Oceans Canada (the Department) conducted a site inspection of your facility on May 16, 2018. The purpose of this letter is to inform you of violations under the AQSF 114462 Conditions of Licence that were observed at the time of inspection.

In an effort to uphold the Department's commitment to accountable governance, violations referred to in this letter will form part of the performance history for your site and may be considered in response to violations identified in the future.

## **Violations Identified:**

#### Condition of Licence Part B

8.1 The licence holder shall ensure that "Styrofoam" used for floatation is securely wrapped in containment material so as to remain intact. Any floatation material that is degrading or is otherwise no longer in use shall be removed from the marine environment and disposed of at land-based facilities.

**Description of violation:** At the time of inspection, Styrofoam floats on raft structures were exposed.

**Remediation:** All exposed Styrofoam needs to be removed from the site and disposed of at an upland facility and may not be returned to the marine environment. Replacement floats should be a non-Styrofoam durable option. Any Styrofoam taken out of the marine environment must be disposed of at land-based facilities. Remediation measures must be completed by September 30, 2018.

Representative photos, taken while on site, of the violation have been attached below.





Photo 1: exposed Styrofoam

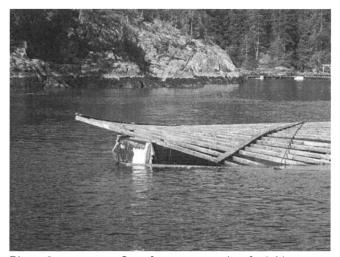


Photo 2: wrap torn, Styrofoam exposed, raft sinking

8.3 The licence holder shall not store or leave any aquaculture equipment or structures on the licensed area unless the equipment or structures are in that location as part of an aquaculture activity and are affixed/secured so as not to move off the licensed area.

**Description of violation:** At the time of inspection, unsecured half barrels were observed on rafts.

**Remediation required:** All unsecured gear/equipment must be secured. Remediation measures must be completed by September 30, 2018.

A representative photo, taken while on site, of the violation has been included below.



Photo 3: unsecured barrels.

8.4 The licence holder shall not introduce or cause or allow the introduction of aquaculture refuse (including but not limited to infrastructure, equipment and materials) into the environment in the course of conducting aquaculture activities.

**Description of violation:** At the time of inspection, aquaculture related refuse, in the form of dilapidated rafts, were found on the licensed area.

**Remediation required:** All degraded aquaculture equipment/gear/infrastructure and refuse need to be removed from marine environment and associated marine riparian and disposed of at a land-based facility. Remediation measures must be completed by September 30, 2018.

Representative photos, taken while on site, of the violation have been attached below (also see photo 2 above).



Photo 4: dilapidated raft with unsecured Styrofoam on top.

Please note: Condition of Licence Part B 2.1 requires licence holders to "conduct inspections of equipment, installation methods... to ensure that equipment and structures are capable of functioning as intended in the environment where they are located...". Degraded aquaculture infrastructure and gear should be identified during this process and removed or upgraded as a best management practice.

Please note: Section 36(3) of the *Fisheries Act* states "Subject to subsection (4), no person shall deposit or permit the deposit of a deleterious substance of any type in water frequented by fish or in any place under any conditions where the deleterious substance or any other deleterious substance that results from the deposit of the deleterious substance may enter any such water." At the time of inspection many sources of deleterious substances were identified. Prior to a violation occurring, please provide secondary containment for all potentially deleterious substances and employ all best management practices when storing and handling potentially deleterious substances. Please ensure you have appropriate spill response at your site.

The Department must be notified when the above remediation works are complete. Photographic images must be submitted to <u>Shellfish.Aquaculture@dfo-mpo.gc.ca</u> to verify that the remediation efforts were undertaken. Please ensure you include your facility reference number (1543) in your e-mail subject line.

If you have any question or concerns regarding this matter please contact Shelley Jepps at Shelley.jepps@dfo-mpo.gc.ca.

Please note that this letter is not meant to suggest that a comprehensive assessment of ALL Conditions of Licence has been conducted and does not address conditions other than those specifically observed on the day of inspection. Nor does it preclude any potential charges laid by Fishery Officers in response to these or any further identified violations under the *Fisheries Act* and/or associated *Regulations*.

Sincerely,

**Shelley Jepps** 

Senior Shellfish Aquaculture Biologist | Biologiste principal de mollusque de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada

1520 Tamarac Street | 1520 Tamarac Street

Shelley Jepps

Campbell River, BC V9W 3M5| Campbell River (C.-B.) V9W 3M5

Cc: Compliance & Protection Aquaculture Unit Aquaculture Resource Management FLNRO (Licensing and Compliance)



## Warning Ticket / Avertissement

1840-8106#2VD

Pursuant To The Federal Fisheries Act / En vertue de la Loi sur les pêches fédérale					
Issued to / DOLTES ISL SF GROWERS CO-OP DN:					
Position/ Poste: AQSF LIEBNYE HOLDERS					
Company Name / Nom	Company Name / Nom				
			M- PRN#1543/1F#2406810		
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	Aquaculture Licence No. / N° de permis d'a	quaculture	Species / Espèces		
☐ Marine Finfish / Poissons marins					
Fresh Water / Poissons d'eau douce					
Sheilfish / Fruits de mer	AOSF#114462				
Other / Autre					
	Description of violation /	Description of	de l'infraction		
Violation Date / Date de l'int	fraction: MAY 16	,2018			
Regulation / Réglementation:	Pacific Aquaculture Regs / Règlement du Pacifique sur l'aquacultu	ire	Pláhery(General) Regs 22(7) / Paragraphe 22(7) du Règlement de pêche (dispositions générales)		
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You are required to come into  compliance with the regulations. /  Vous êtes tenu de vous conformer à la  réglementation.  This warning does not preclude Fisheries and Oceans taking any other action that it may consider appropriate in the circumstances. /  En plus du présent avertissement, Pêches et Océans Canada pourra prendre toute autre mesure qu'il jugera appropriée compte tenu des circonstances.					
Name and Number of Fishery Officer / Guardian Nom et numéro de			Wald		
l'agent des pêches ou du ga	arde-pêche:	Signature / S	gnature:		
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Fishery Officer Copy Copie de l'agent des pêches Page 224
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From:

Scott, Melinda on behalf of AOSF / AOSF (DFO/MPO)

To:

Cc:

AQSF / AQSF (DFO/MPO)

Subject:

DFO shellfish aquaculture facility: AQSF 1560

Date:

July-10-18 09:28:00

Attachments:

DFO Shellfish Information Notice June 2018.pdf

Final Shelifish Inspection Letter to Grower 1560 1409240.pdf Warning Ticket AO0136

Importance:

Attention Aquaculture Licence Holder,

Please find attached important information regarding your DFO shellfish aquaculture facility: AQSF 1560.

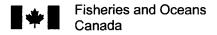
If you have any questions, please contact Aquaculture Resource Management: shellfish.aquaculture@dfo-mpo.gc.ca

### Melinda Scott

Aquaculture Management Coordinator | Coordinatrice sénior - Gestion de l'aquaculture Fisheries Management | Direction des pêches

Aquaculture Management Division | Division de la gestion de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada Government of Canada | Gouvernement du Canada .

www.pac.dfo-mpo.gc.ca



Pacific Region 1520 Tamarac Street Campbell River, British Columbia V9W 3M5 Région du Pacifique 1520 Tamarac Street Campbell River (C.-B.) V9W 3M5

July 4, 2018



Dear Licence Holder:

Subject: Post Inspection Report; Licence #114260, Facility #1560, Land file #1409240

Fisheries and Oceans Canada (the Department) conducted a site inspection of your facility on May 18, 2018. The purpose of this letter is to inform you of violations under the AQSF 114260 Conditions of Licence that were observed at the time of inspection.

In an effort to uphold the Department's commitment to accountable governance, violations referred to in this letter will form part of the performance history for your site and may be considered in response to violations identified in the future.

### **Violations Identified:**

### **Condition of Licence Part B**

6.1 With the exception of Varnish clam, which may be retained, and licensed species as prescribed in 4.1(b), every person who catches a fish incidentally must immediately return it to the water in a manner that causes it the least harm.

"Incidental Catch" for the purposes of marine shellfish aquaculture means fish species that:

- (a) are not specifically named on the face of the aquaculture licence; and
- (b) set naturally, or become entrapped or entangled on aquaculture structures with the licensed species.

**Description of violation:** At the time of inspection, a red rock crab was caught in unmaintained predator netting and had died.



7.3 The licence holder shall ensure that predator exclusion devices are constructed and maintained to prevent entrapment and avoid potential injury to fish species or wildlife; and to function as intended.

**Description of violation:** At the time of inspection, unmaintained predator netting was identified.

**Remediation:** The predator netting must be inspected and all predator netting found to be in need of maintenance should be maintained or removed. A significant amount of predator netting was found to be partially to almost entirely buried. All buried predator netting must be freed from the sediment and if still robust enough to continue to be employed, laid out and secured flat to ensure that entrapment is avoided. All predator netting that is degraded must be identified, removed and disposed of appropriately at an upland facility. Remediation measures must be completed by September 30, 2018.

Representative photos, taken while on site, of the violations have been included below.





Photo 1: dead red rock crab trapped under netting. .Photo 2: buried and torn predator netting

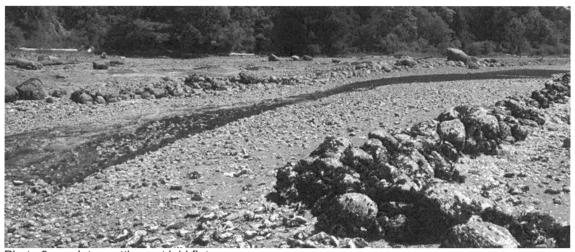


Photo 3: predator netting not laid flat

8.3 The licence holder shall not store or leave any aquaculture equipment or structures on the licensed area unless the equipment or structures are in that location as part of an aquaculture activity and are affixed/secured so as not to move off the licensed area.

**Description of violation:** At the time of inspection, unsecured oyster trays were observed on the upper intertidal zone and unsecured predator netting was observed throughout the intertidal zone.

**Remediation required:** Oyster trays are aquaculture gear typically associated with suspended culture. They should be removed from the intertidal zone. Please deal with unsecured netting as per remediation above. Remediation measures must be completed by September 30, 2018.

A representative photo, taken while on site, of the violation has been included below. In addition see photos of predator netting above.



Photo 4: stack of oyster trays on intertidal zone.

8.4 The licence holder shall not introduce or cause or allow the introduction of aquaculture refuse (including but not limited to infrastructure, equipment and materials) into the environment in the course of conducting aquaculture activities.

**Description of violation:** At the time of inspection, aquaculture related refuse, in the form of dilapidated gear/equipment (predator netting and oyster trays) was found on the licensed area.

**Remediation required:** All degraded aquaculture equipment/gear/infrastructure and refuse need to be removed from marine environment and disposed of at a land-based facility. Remediation measures must be completed by September 30, 2018.

See photos above.

Please note: Condition of Licence Part B 2.1 requires licence holders to "conduct inspections of equipment, installation methods... to ensure that equipment and structures are capable of functioning as intended in the environment where they are located...". Degraded aquaculture infrastructure and gear should be identified during this process and removed or upgraded as a best management practice.

**Please note:** Rock walls are not an infrastructure that is identified in your Management Plan, nor are they considered "standard infrastructure". Please do not construct rock walls without submitting an application to amend your Management Plan and receiving a response back from the Department.

The Department must be notified when the above remediation works are complete. Photographic images must be submitted to <u>Shellfish.Aquaculture@dfo-mpo.gc.ca</u> to verify that the remediation efforts were undertaken. Please ensure you include your facility reference number (1560) in your e-mail subject line.

If you have any question or concerns regarding this matter please contact Shelley Jepps at <a href="mailto:Shelley.jepps@dfo-mpo.gc.ca">Shelley.jepps@dfo-mpo.gc.ca</a>.

Please note that this letter is not meant to suggest that a comprehensive assessment of ALL Conditions of Licence has been conducted and does not address conditions other than those specifically observed on the day of inspection. Nor does it preclude any potential charges laid by Fishery Officers in response to these or any further identified violations under the *Fisheries Act* and/or associated *Regulations*.

Sincerely,

Shelley Jepps

Shelley Jepps

Senior Shellfish Aquaculture Biologist | Biologiste principal de mollusque de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada 1520 Tamarac Street | 1520 Tamarac Street

Campbell River, BC V9W 3M5| Campbell River (C.-B.) V9W 3M5

Cc: Compliance & Protection Aquaculture Unit Aquaculture Resource Management FLNRO (Licensing and Compliance)

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## Warning Ticket / Avertissement

DV8#2018-04232

Pursu	ant To The Fede	eral Fisheries Ac	xt / En vertue	de la Loi sur les pêches fédérale
Issued to / Délivré à:			D.O.B / DN:	
Position / Poste:	AQSF	LIEBRUE	HOLDE	RS
Company Name / Nom de l'entreprise:				
Site Location / Emplacement du site:	DENMAN.	ISLAND, P	SAMNES S	anno-Fen#1560/LF#1409240
		nce No. / N° de permis	<del></del>	Species / Espèces
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Fresh Water / Poissons d'eau douce				
Shellfish / Fruits de mer	AOSF1	#114260		
Other / Autre				
	D	escription of violation	on / Description	de l'infraction
Violation Date / Date de	l'infraction:	MAM	18,0019	3
Regulation / Pacific Aquaculture Regs / Réglementation: Pacific Aquaculture Regs /			culture	Fishery(General) Regs 22(7) / Paragraphe 22(7) du Règlement de pêche (dispositions générales)
Sec#/C.O.L.# / AOSF Art. n° / CDP n°s, 6 1	1: Incloens	trately return it to water		
Sec#/C.O.L.# / POSF Art. n° / CDP n°:5.7.3	2: PLEMATOR	EXCLUSION	DEVILES.	- Or Inched mailand to Conditions I Smith as itended livered of livered or livered
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compliance with the regulations. / oth Vous êtes tenu de vous conformer à la En réglementation.			other action that En plus du prés	loes not preclude Fisheries and Oceans taking any at it may consider appropriate in the circumstances. Assent avertissement, Pêches et Océans Canada et oute autre mesure qu'il jugera appropriée compte nstances.
Lwa	100 TI 9000	)		Dir. Id.
Name and Number of Fishery Officer / Guardian Nom et numéro de			Signature / 8	ignature:
Name of recipient / Nom	du destinataire:		Signature / S	ignature:
Qui	M 4/18			
Date of issue / Date de d	élivrance:		Time of issue	e / Heure de délivrance:

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From:

Scott, Melinda on behalf of AOSF / AOSF (DFO/MPO)

To:

Cc:

AQSF / AQSF (DFO/MPO)

Subject:

DFO shellfish aquaculture facility: AQSF 1768

Date:

July-10-18 09:39:11

Attachments:

DFO Shellfish Information Notice June 2018.pdf

Final Shellfish Inspection Letter to Grower 1768 1411093.pdf Warning Ticket AQ0141 PENTLATCH.pdf

Importance:

Attention Aquaculture Licence Holder,

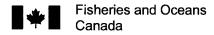
Please find attached important information regarding your DFO shellfish aquaculture facility: AQSF 1768.

If you have any questions, please contact Aquaculture Resource Management: shellfish.aquaculture@dfo-mpo.gc.ca

### Melinda Scott

Aquaculture Management Coordinator | Coordinatrice sénior - Gestion de l'aquaculture Fisheries Management | Direction des pêches

Aquaculture Management Division | Division de la gestion de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada Government of Canada | Gouvernement du Canada www.pac.dfo-mpo.gc.ca



Pacific Region 1520 Tamarac Street Campbell River, British Columbia V9W 3M5 Région du Pacifique 1520 Tamarac Street Campbell River (C.-B.) V9W 3M5

July 4, 2018

Pentlatch Seafoods Ltd. 3330 Comox Road Courtenay, British Columbia V9N 3P8

Dear Licence Holder:

Subject: Post Inspection Report; Licence #115432, Facility #1768, Land file #1411093

Fisheries and Oceans Canada (the Department) conducted a site inspection of your facility on May 14 and 15, 2018. The purpose of this letter is to inform you of violations under the AQSF 115432 Conditions of Licence that were observed at the time of inspection.

In an effort to uphold the Department's commitment to accountable governance, violations referred to in this letter will form part of the performance history for your site and may be considered in response to violations identified in the future.

### Violations Identified:

### Condition of Licence Part B

7.3 The licence holder shall ensure that predator exclusion devices are constructed and maintained to prevent entrapment and avoid potential injury to fish species or wildlife; and to function as intended.

**Description of violation:** At the time of inspection, unmaintained predator netting was identified. Some of the netting had become buried.

**Remediation:** The predator netting must be inspected and all predator netting found to be in need of maintenance should be maintained or removed. All buried predator netting must be freed from the sediment and if still robust enough to continue to be employed, laid out and secured flat. All predator netting that is degraded must be identified, removed and disposed of appropriately at an upland facility. Remediation measures must be completed by September 30, 2018.





Photo 1: unmaintained predator netting

**Please note:** Condition of Licence Part B 2.1 requires licence holders to "conduct inspections of equipment, installation methods... to ensure that equipment and structures are capable of functioning as intended in the environment where they are located...". Degraded aquaculture infrastructure and gear should be identified during this process and removed or upgraded as a best management practice.

The Department must be notified when the above remediation works are complete. Photographic images must be submitted to <u>Shellfish.Aquaculture@dfo-mpo.gc.ca</u> to verify that the remediation efforts were undertaken. Please ensure you include your facility reference number (1768) in your e-mail subject line.

If you have any question or concerns regarding this matter please contact Shelley Jepps at Shelley.jepps@dfo-mpo.gc.ca.

Please note that this letter is not meant to suggest that a comprehensive assessment of ALL Conditions of Licence has been conducted and does not address conditions other than those specifically observed on the day of inspection. Nor does it preclude any potential charges laid by Fishery Officers in response to these or any further identified violations under the *Fisheries Act* and/or associated *Regulations*.

Sincerely,

Shelley Jepps

Shelley Jepps

Senior Shellfish Aquaculture Biologist | Biologiste principal de mollusque de l'aquaculture Fisheries and Oceans Canada | Pêches et Océans Canada | 1520 Tamarac Street | 1520 Tamarac Street | 1520 Tamarac Street

Campbell River, BC V9W 3M5| Campbell River (C.-B.) V9W 3M5

Cc: Compliance & Protection Aquaculture Unit Aquaculture Resource Management FLNRO (Licensing and Compliance)

# Warning Ticket / Avertissement

DNS#2018-02/35

	nt To The Federal Fisheries Act /		de la Loi sur les peches tederale				
Issued to / PENILM	ZH SBAFOORD LAD.	D.O.B / DN:					
Position / Poste:	ARSF LILEFICE HOLDER						
Company Name / Nom de l'entreprise:	PENTLATEH SEMPO	0,07 r	JD.				
Site Location / Emplacement du site:	BASE FLATS, BAY	INE 7 S	ONNO-PRN#1768/LF#14110°	1			
	Aquaculture Licence No. / N° de permis d'a	aquaculture	Species / Especes				
Marine Finfish / Poissons marins							
Fresh Water / Poissons d'eau douce							
Shellfish / Fruits de mer	AQSF#115432						
Other / Autre	·						
	Description of violation /	Description	de l'infraction	_			
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Violation Date / Date de l'in	fraction:	112,0	OIR				
Regulation / Réglementation:	Pacific Aquaculture Regs / Règlement du Pacifique sur l'aquacult	ure	Eishery(General) Regs 22(7) / Paragraphe 22(7) de Règlement de pêche (dispositions générales)	ر			
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Sec#/C.O.L.# / Art. n° / CDP n°;	4:		Permis	of Licence			
You are required to com compliance with the regularized vous êtes tenu de vous réglementation.	ulations. / ot conformer à la Ei	her action than n plus du pré	oes not preclude Fisheries and Oceans taking any at it may consider appropriate in the circumstances sent avertissement, Pêches et Océans Canada toute autre mesure qu'il jugera appropriée comptenstances.				
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Pacific Region - Fish Health Unit 103 - 2435 Mansfield Drive Courtenay, British Columbia V9N 2M2 Région du Pacifique - Santé de polsson 103 - 2435 Drive Mansfield Courtenay (C.-B.) V9N 2M2

**September 12, 2018** 

Cermaq Canada 203-919 Island Highway Campbell River, BC V9W 2C2

Dear Licence Holder;

Subject: Non-compliance regarding licence condition AQFF115210

Section 4 of the *Pacific Aquaculture Regulations* states; "For the proper control of fisheries and the conservation and protection of fish, the Minister may specify, in addition to the matters set out in subsection 22(1) of the *Fishery General Regulations*, conditions in an aquaculture licence".

This letter is to inform you that Fisheries and Oceans Canada (DFO) has conducted a review of your Condition of Licence (COL) 4.4(b) which states:

a mortality event procedure, which will include:
(i) notification to the Department of a mortality event defined in Part A "Mortality Event" not later than 24 hours after discovery, providing as much detail as outlined in Appendix V-A;

We have determined that you have failed to comply in the following manner;

• The detection of the "mortality event" (as defined in **Part A. Definitions** of the licence) did not occur, and resultantly there was a failure to notify the department within the required timeframe.

The mortality event in question occurred at the Rant Point facility, beginning on July 18<sup>th</sup>, with ongoing mortalities which warranted subsequent 10 day mortality event notifications for approximately 4 weeks.

The Department requires that you:

 Submit completed reports (including an initial mortality event and subsequent 10 days reports) within one week of receiving this letter.

This occurrence of non-compliance is being recorded and will form your compliance history and will be considered in response to future occurrences of



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non-compliance. You should be aware that Section 78.1 of the *Fisheries Act* states "Where any contravention of this Act or the regulations is committed or continued on more than one day, it constitutes a separate offence for each day on which the contravention is committed or continued". This letter does not preclude any legal action this Department may take with respect to this matter.

DFO is committed to working with you to resolve this issue. Please feel free to contact Zac Waddington (Zac.Waddington@dfo-mpo.gc.ca) if you have any questions or concerns regarding this matter at 250-703-0902. All reports are to be sent to the following E-Mail address: Marine.Finfish.Aquaculture@dfo-mpo.gc.ca.

Sincerely,

Dr. Zac Waddington DVM, B.Env.Sc.(Hons)

Lead Veterinarian - Pacific Region
Fisheries and Oceans Canada | Pêches et Océans Canada
Aquaculture Environmental Operations - Fish Health
Courtenay, British Columbia
Telephone | Téléphone: 250-703-0902

Fax | Télécopieur: 250-703-0921 Zac.Waddington@dfo-mpo.gc.ca

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TICKET INFORMATION / Procés Verbal

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# FISHERIES ACT DIRECTION Pursuant to subsection 38 (7.1) of the Fisheries Act



TO CONSERVE AND PROTECT

Date	s. September 21, 2010	
To:		

This is a legal direction pursuant to subsection 38 (7.1) of the Fisheries Act.

### Description of Occurrence:

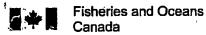
Fisheries and Oceans Canada – Conservation and Protection (DFO-C&P) has reasonable and probable grounds to believe that non-compliance with the *Fisheries Act* has occurred on or around March 20<sup>th</sup>, 2018 as a result of the deposition of aggregate material and fine sediments into Michael's Brook located at 5231-232<sup>nd</sup> Street, Langley, British Columbia.

### **Describe Impact:**

Based on the information provided to DFO-C&P by the Fisheries Protection Program (FPP), DFO-C&P has determined that deposition of aggregate material, including fine sediments, into Michael's Brook (~49°05'48.82W, 122°34'57.07N), has resulted in the serious harm to fish in the form of:

- The permanent alteration of salmon spawning and rearing habitat in Michael's Brook extending from the deposition location for downstream into Hatchery Creek for approximately 150 m.
- The death of eggs, alevin and/or fish in Michael's Brook from the deposition location, downstream into Hatchery Creek for approximately 150 m.

The Fisheries Act defines the "serious harm to fish" as the death of fish or any permanent alteration to, or destruction of, fish habitat. In the Fisheries Act, "fish habitat means spawning grounds and any other areas, including nursery, rearing, food supply and migration areas, on which fish depend directly or indirectly in order to carry out their life processes".



Michael's Brook and Hatchery Creek both contain fish that are part of a commercial, recreational or Aboriginal fishery, or fish that support such a fishery, not limited to salmon.

### Offence:

The deposition of aggregate material including fine sediments have resulted in contravention of the following provisions of the Fisheries Act:

• Serious harm to fish, which is prohibited under subsection 35(1) of the Fisheries Act.

### Corrective Measures:

Fishery Officer Launi Davis is satisfied on reasonable grounds that immediate action is necessary to implement all reasonable corrective measures consistent with public safety and with the conservation and protection of fish and fish habitat to prevent the occurrence or to counteract, mitigate or remedy any adverse effects that result from the occurrence or might reasonably be expected to result from it.

Pursuant to subsection 38(7.1) of the Fisheries Act, you are directed by Fishery Officer, Launi Davis to take the following measures as per subsection 38(6) of the Fisheries Act:

- Retain a qualified professional with expertise in stream restoration, to assess and
  implement the restoration of Michael's Brook and Hatchery Creek with the objective of
  restoring the natural features and functions of the stream substrates impacted by the
  aggregate deposition. It is highly recommended that the expertise and guidance of the
  Nicomekl Hatchery staff be involved in developing and implementing the restoration
  plan.
- Provide a copy of a restoration plan to DFO-C&P within 7 days of this notice and prior
  to undertaking the works. The purpose of the restoration plan is to salvage the remaining
  deposited materials from within the initial deposition footprint using techniques that will
  minimize impacts to fish and fish habitat in streams (e.g., hydovac and/or hand removal).
- The restoration plan shall include:
  - Proposed measures to restore the impacted fish habitat to pre-impact condition including proposed mitigation measures;
  - An implementation schedule for competing the works;
  - A construction monitoring plan to ensure effective application of mitigation and avoidance measures and to confirm restored habitats have been returned to their pre-disturbance form and function; and,
  - A post-construction monitoring plan (i.e., spring 2019) to demonstrate that the impacted habitats continue to provide spawning and rearing value for the fish species found in these watercourses.
- The restoration works need to be implemented as soon as possible following approval of the restoration plan by DFO so they can be completed prior to the arrival of adult spawning salmon into Michael's Brook and Hatchery Creek. In the event that the restoration works cannot be completed prior to the arrival of adult spawners, Nicomekl Hatchery staff and DFO need to be engaged to further assess the sensitivity of preferred timing of restorative measures prior to undertaking the work.

Date: September 27,2018

Date: 5099/18



Pêches et Océans Canada

Depending on the outcome of the immediate restoration works, further action, including additional remedial works may be required to counteract, mitigate or remedy the loss of productivity.

Compliance with this direction does not preclude any legal action DFO may take with respect to this matter. This direction does not release you from responsibilities or approvals that may be required under other federal, provincial/territorial or municipal legislation.

DFO will conduct a site visit to ensure compliance with the corrective measures that have been identified in this Fisheries Act direction.

Should you have any questions related to this direction, please contact Fishery Officer Launi Davis.

Name of Fishery Officer designated under Section 5 and/or Inspector designated under Section 38 of the Fisheries Act:

Launi Davis
Fishery Officer/Inspector

Signature

Fisheries and Oceans Canada Conservation and Protection

Pacific Region

Phone: 250-607-4154

E-mail: Davis.Launi@dfo-mpo.gc.ca

Failure to comply with the whole or any part of the direction of a Fishery Officer and/or Inspector is a violation of subsection 40(3)(g) of the Fisheries Act.

Signature of

Company Representative or Proponent

s.19(1)

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Pêches et Océans

Fisheries and Oceans Canada 12551 No. 1 Rd. Richmond, B.C. V7E 1T7

October 10, 2018

Taylor Shellfish Canada ULC 8260 South Island Highway Fanny Bay, BC VOR1W0

Dear Taylor Shellfish Canada ULC

**Subject:** Violation of licence condition

On September 28, 2018 Fishery Officers were conducting inspections at the Pacific Border Truck Crossing. Fishery Officers inspected a transport truck that was transporting totes of Pacific oyster seed. The exporter was Taylor Shellfish Farms in Shelton Washington and the importer was Taylor Shellfish Canada ULC in Fanny Bay, BC. The truck driver provided various documents including the Bill of Lading, Commercial Invoice, Aquatic Animal Health Export Certificate, and the CFIA Import Permit. However, the truck driver did not have a copy of your Introduction and Transfer Licence, as issued by Fisheries and Oceans Canada. A condition of your licence # 14426 states the following:

This licence must accompany the transfer.

The licence conditions have been contravened because the licence did not accompany the transfer. By contravening this condition of licence, Taylor Shellfish Canada ULC has committed an offence pursuant to section 22(7) of the Fishery General Regulations, which states the following:

22(7)No person carrying out any activity under the authority of a licence shall contravene or fail to comply with any condition of the licence.

Please consider this letter to be an official written warning as Fisheries and Oceans Canada views this occurrence as an offence under the Fisheries Act. This warning will form part of your compliance history.

If you would like to discuss this matter or have any questions, please contact me at 604-664-9254 or at the address above.

Sincerely yours,

Trevor Tomlin Fishery Officer #9182

